

TYPE	DATE	TIME	AGENCY	DESCRIPTION
Area Forecast Discussion	3/8/2016	2123	PST San Diego	Gusty westerly winds are likely over the mountains and deserts Friday.
Area Forecast Discussion	3/9/2016	0230	PST San Diego	A quick storm system will bring wind and precipitation Friday afternoon....Southwest winds will increase into Friday and become quite strong in mountain ridges and parts of the desert...
Area Forecast Discussion	3/9/2016	0940	PST San Diego	A fast-moving trough will move across the area late Friday/early Saturday....bringing localized stronger winds to the region.
Area Forecast Discussion	3/9/2016	2056	PST San Diego	A fast-moving trough will move across the area late Friday/early Saturday....bringing localized stronger winds to the region. West to southwest winds will strengthen as the trough transverses the region...with max gusts of 50 to 60 mph possible...
Urgent Weather Message	3/10/2016	0149	MST Phoenix	Wind Advisory for Imperial County in effect from 2 pm to 10 pm Friday.
Area Forecast Discussion	3/10/2016	0230	PST San Diego	On Friday a vigorous compact storm will ride the strong Jet stream into Southern California. This will rapidly increase clouds and southwest winds during the afternoon..... There is enough instability to even produce a few thunderstorms along the leading edge of the Cold front. Winds in the mountains and deserts will become quite strong with gusts exceeding 50 mph along ridgetops and in parts of the adjacent slopes and deserts.
Area Forecast Discussion	3/10/2016	0937	PST San Diego	A very compact and quick moving trough of low-pressure will approach closer to the southern California coast. In response the marine layer will deepen and surface pressure gradients will begin to trend onshore....On Friday ahead of the front gusty west winds will develop over the mountains and deserts.
Urgent Weather Message	3/10/2016	1409	MST Phoenix	<b>Wind Advisory</b> - Imperial County, Interstate 8, Interstate 10, west of Blythe to the Coachella Valley - Sustained west winds 20 to 30 mph with gusts over 40 mph
Area Forecast Discussion	3/10/2016	1425	MST Phoenix	A quick moving short wave will cut across northern Arizona the biggest impact will be the increase in winds.
Urgent Weather Message	3/10/2016	2001	PST San Diego	<b>Wind Advisory</b> - San Diego County Mountains, Deserts, Coachella Valley. In effect from 4pm Friday to 6am Saturday. Near mountain ridgetops along desert mountain slopes adjacent desert areas. Southwest winds 25 to 35 mph with gusts to 60 mph Friday afternoon.
Area Forecast Discussion	3/10/2016	2030	MST Phoenix	Strong winds in the 35 to 45 mph range are still slated for portions of southeast California....especially the Imperial Valley...

TYPE	DATE	TIME		AGENCY	DESCRIPTION
Area Forecast Discussion	3/10/2016	2055	PST	San Diego	At 8pm PST Water vapor satellite imagery displayed an upper-level ridge over northern Baja and an upper-level trough around 500 miles west of northern California.....The aforementioned trough will swing across Southwest California late Friday creating breezy winds and moderate precipitations over portions of the region....Gusty southwesterly winds in portions of the mountains and deserts from Friday afternoon to late Friday night. Strongest gusts to 60 mph are expected near mountain ridges and along desert mountain slopes.
Urgent Weather Message	3/11/2016	0148	MST	Phoenix	<b>Wind Advisory</b> - Imperial County, Interstate 8, Interstate 10, west of Blythe to the Coachella Valley - Sustained west winds 20 to 30 mph with gusts over 40 mph
Area Forecast Discussion	3/11/2016	0230	MST	Phoenix	A compact and well defined PV anomaly...rapidly moving towards the central/southern California coast this morning in conjunction with a robust ...jet streak....Otherwise the primary weather hazard will be strong winds developing immediately along and behind the frontal boundary through southeast California in a region of deepening CAA and tightening pressure gradient later today.
Urgent Weather Message	3/11/2016	0422	PST	San Diego	<b>Wind Advisory</b> - San Diego County Mountains, Deserts, Coachella Valley. In effect from 4pm Friday to 6am Saturday. Near mountain ridgetops along desert mountain slopes adjacent desert areas. Southwest winds 25 to 35 mph with gusts to 60 mph Friday afternoon.
Urgent Weather Message	3/11/2016	1355	PST	San Diego	<b>High Wind Warning</b> -San Diego County Mountains, San Diego County Deserts in effect until 8am Saturday - Southwest winds 20 to 30mph with gusts to 60mph and isolated gusts to 75mph. <b>Wind Advisory</b> - Coachella Valley in effect until 6am Saturday-Southwest winds late this afternoon through mid-evening
Area Forecast Discussion	3/11/2016	1427	MST	Phoenix	Cloud cover has filled in across the region....before the circ center and associated cold front move in strong pre-frontal and gradient lower level Jet winds will develop into the area.
Urgent Weather Message	3/11/2016	1501	MST	Phoenix	<b>Wind Advisory</b> - Imperial County, Interstate 8, Interstate 10, west of Blythe to the Coachella Valley - Sustained west winds 20 to 30 mph with gusts over 40 mph - <b>Blowing dust and lowered visibility</b>
Special Weather Statement	3/11/2016	1531	PST	San Diego	San Diego Mountains - At 329 PM PST Doppler radar was tracking a line of heavy rain and strong winds approaching the coast of San Diego County. Expect heavy rain and strong winds for the coastal areas and valleys through 445 PM

TYPE	DATE	TIME		AGENCY	DESCRIPTION
Special Weather Statement	3/11/2016	1619	PST	San Diego	Including San Diego County Mountains - A line of heavy rain and strong winds will continue to track eastward through 530pm. Winds are the main threat with this line and gust exceeding 50mph are possible. Lightening, thunder and small hail are possible.
Urgent Weather Message	3/11/2016	1950	PST	San Diego	<b>High Wind Warning</b> -San Diego County Mountains, San Diego County Deserts in effect until 8am Saturday - West winds 25 to 40mph with gusts to 60mph and isolated gusts to 75mph. <b>Wind Advisory</b> - Coachella Valley in effect until 6am Saturday-Strongest winds this evening; <b>Blowing dust and sand</b> could reduce visibility
Area Forecast Discussion	3/11/2016	2010	MST	Phoenix	A fast moving pacific cold front moved ashore late Friday afternoon and evening. The most intense part of this system for precipitation and thunderstorms was along the coast...The area was pummeled by strong wind gusts. <b>Sampling of the area just before 7pm MST showed the strongest gusts occurred in the Imperial Valley..</b>
Area Forecast Discussion	3/11/2016	2107	PST	San Diego	The cold front the moved through the region this afternoon is now to the east over Imperial County...Scatted showers continue over and west of the mountains with snow being reported above 5000 feet.....As the low-pressure system continues to move east overnight scattered showers and strong westerly winds will continue tapering off late Saturday morning.
Urgent Weather Message	3/11/2016	2207	MST	Phoenix	<b>Wind Advisory</b> - Imperial County, Interstate 8, Interstate 10, west of Blythe to the Coachella Valley - Sustained west winds 20 to 35 mph with gusts over 45 mph - <b>Blowing dust and lowered visibility</b>
Public Information Statement	3/12/2016	1017	PST	San Diego	<b>Wind Reports Past 24 hours</b> - <u>Coachella Valley</u> measured highest winds in Thousand Palms at 48 mph, Thermal Airport 46mph, Palm Desert 42mph and <b>San Diego County Deserts</b> in <u>Borrego Springs</u> highest measured winds at 54mph, <u>In Ko Pah</u> 48mph, and <u>Ocotillo Wells</u> 41mph

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AFDSGX

AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
923 PM PST TUE MAR 8 2016

.SYNOPSIS...

DRY AND WARMER WEATHER THROUGH THURSDAY UNDER A HIGH PRESSURE  
RIDGE ALOFT. PRECIPITATION COULD RETURN LATE FRIDAY...WITH ADDITIONAL  
CHANCES EARLY NEXT WEEK. GUSTY WESTERLY WINDS ARE LIKELY OVER THE  
MOUNTAINS AND DESERTS LATE FRIDAY AND FRIDAY NIGHT.

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.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE...  
SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO  
COUNTIES...

EXCEPT FOR SOME PATCHY HIGH CLOUDS...SKIES WERE CLEAR THIS EVENING  
ACROSS ALL OF SW CALIFORNIA. THE 00Z MIRAMAR SOUNDING SHOWED SLIGHT  
WARMING FROM YESTERDAY WITH WINDS ALOFT VEERING NORTHERLY. ANY  
INVERSIONS WERE VERY WEAK AND THE AIRMASS WAS QUITE DRY WITH A PW OF  
0.34 INCH. SURFACE PRESSURE GRADIENTS WERE VERY WEAK ONSHORE TO  
NV...AND ABOUT 5 MBS ONSHORE FROM KSAN TO THE LOWER DESERTS. AT 8 PM  
PST...WIND-PRONE AREAS OF THE MTS/DESERTS HAD WESTERLY WINDS 15 TO 25  
MPH WITH ISOLATED GUSTS AROUND 30 TO 40 MPH.

AFTER A CHILLY NIGHT TONIGHT WITH JUST PATCHY HIGH CLOUDS...FAIR AND  
WARMER WEATHER IS ON TAP THROUGH THURSDAY WITH LIGHT WINDS. FOR  
FRIDAY...A LOW PRESSURE TROUGH WILL APPROACH THE COAST...BRINGING  
MORE WIND...CLOUDS...AND A RAPIDLY DEEPENING MARINE LAYER. BY  
EVENING ALL OF THE 12Z GLOBAL MODEL RUNS SHOW SOME LIGHT PRECIP  
BREAKING OUT ACROSS SOCAL...EVEN THOUGH THE BULK OF IT WILL GLIDE BY  
TO THE NORTH. SOME LIGHT SNOW ACCUMULATIONS ARE POSSIBLE ABOVE 6500  
FT.

DAYTIME HIGH TEMPERATURES WILL CLIMB BACK ABOVE AVERAGE BY THU...  
THEN FALL BELOW AVERAGE BY FRI INTO THE WEEKEND WITH ANOTHER TROUGH  
DIGGING DOWN THE COAST. MORE LIGHT PRECIP COULD BREAK OUT BY MON AS THE  
MARINE LAYER FATTENS...BUT IF THE CURRENT GUIDANCE IS CORRECT...  
EFFECTS WILL ONCE AGAIN BE LIMITED ACROSS SOCAL TO WIND AND MOSTLY  
LIGHT PRECIP.

MODELS BUILD ANOTHER STRONG UPPER-LEVEL RIDGE ACROSS THE FAR EASTPAC  
AND WEST COAST...BUT SIGNIFICANT DIFFERENCES WITH THE PLACEMENT  
OF THE RIDGE AXIS LEAVES A LOT OF ROOM FOR ERROR IN THE FORECAST  
GOING FORWARD. SO FOR NOW SOME SLIM CHANCE POPS ARE IN THE FORECAST  
THROUGH TUE BEFORE BEING DROPPED FOR DRY AND MUCH WARMER WEATHER.

&&

.AVIATION...

090400Z...PATCHY LOW CLOUDS WITH BASES NEAR 1500 FT MSL ARE POSSIBLE  
ALONG THE SAN DIEGO COUNTY COAST BETWEEN 08Z AND 17Z...WITH KSN AND  
KCRQ HAVE THE BEST CHANCES OF BKN CIGS THROUGH WEDNESDAY MORNING.  
CONFIDENCE IN LOW CLOUD DEVELOPMENT IS LOW TO MODERATE.  
OTHERWISE...SKC...LIGHT WINDS...AND UNRESTRICTED VIS WILL PREVAIL  
THROUGH WEDNESDAY EVENING.

&&

.MARINE...

800 PM...BREEZY NORTHWEST WINDS AND ELEVATED SEAS CONTINUE OVER THE  
COASTAL WATERS THIS EVENING. STRONGEST WINDS WITH OCCASIONAL GUSTS  
ABOVE 20 KTS APPEAR TO BE CONFINED TO THE OUTER WATERS...WITH  
HIGHEST SEAS IMPACTING AREAS SOUTH AND SOUTHEAST OF SAN CLEMENTE  
ISLAND. CONDITIONS WILL IMPROVE ON THURSDAY WITH COMBINED SEAS  
FALLING TO 4-7 FT. THE NORTHWEST SWELL WILL INCREASE AGAIN  
SATURDAY...BUT MOST AREAS WILL SEE COMBINED SEAS OF LESS THAN 10 FT.

&&

.BEACHES...

800 PM...THE LARGE NORTHWEST SWELL THAT BROUGHT US HIGH SURF TODAY  
AND YESTERDAY WILL CONTINUE TO DIMINISH OVERNIGHT. THIS WILL ALLOW  
THE SURF HEIGHTS TO FALL TO 3-5 FT WITH LOCAL 6 FT SETS IN SOUTHERN  
SAN DIEGO COUNTY ON WEDNESDAY. ANOTHER NORTHWEST SWELL FROM 285  
DEGREES WILL FILTER INTO THE BIGHT TO START THE WEEKEND...BUT THE  
SHORT PERIOD OF THE SWELL WILL LIMIT SURF HEIGHTS.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE  
ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

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.SGX WATCHES/WARNINGS/ADVISORIES...

CA...NONE.

PZ...SMALL CRAFT ADVISORY UNTIL 2 AM PST WEDNESDAY FOR COASTAL WATERS  
FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT TO 30 NM-  
WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING  
30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

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PUBLIC...JAD

AVIATION/MARINE/BEACHES...ALBRIGHT

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AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
230 AM PST WED MAR 9 2016

.SYNOPSIS... FAIR AND WARMER WEATHER WILL CONTINUE THROUGH THURSDAY UNDER A HIGH PRESSURE RIDGE. A QUICK STORM SYSTEM WILL BRING WIND AND PRECIPITATION FRIDAY AFTERNOON AND NIGHT. A MOIST FLOW PATTERN WILL BRING ADDITIONAL CHANCES OF PRECIPITATION EARLY NEXT WEEK.

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.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

THE MARINE LAYER IS TRYING TO REDEVELOP THIS MORNING AND SOME LOW CLOUDS HAVE FORMED IN THE SOUTHERN OC AND CAMP PENDLETON SO FAR. PATCHY LOW CLOUDS AND FOG WILL GREET COASTALITES THIS MORNING...OTHERWISE SKIES WILL BE MOSTLY CLEAR TODAY. AREAS OF LOW CLOUDS AND FOG ARE EXPECTED ALONG THE COAST AGAIN TONIGHT INTO THURSDAY MORNING. HIGH PRESSURE ALOFT WILL BUILD AND AMPLIFY TODAY AND THURSDAY...BOOSTING DAYTIME TEMPERATURES WELL ABOVE AVERAGE. THURSDAY WILL BE THE WARMEST DAY WITH 70S AT LOWER ELEVATIONS AND 80S IN THE LOWER DESERTS. A FAIRLY STRONG JET STREAM OVER THE PACIFIC WILL SAG SOUTHWARD AND DISPATCH A SPUNKY LOW PRESSURE SYSTEM THROUGH SOUTHERN CALIFORNIA ON FRIDAY. IT HAS SOME GOOD ENERGY BUT IS LACKING IN MOISTURE. CLOUDS AND WINDS WILL INCREASE DURING THE DAY FRIDAY AND SHOWERS ARE EXPECTED FROM LATE AFTERNOON THROUGH THE NIGHT. THERE IS EVEN A SMALL CHANCE OF THUNDERSTORMS MOST LIKELY AROUND ORANGE COUNTY DURING THE EVENING. PRECIP AMOUNTS WILL BE LESS THAN A HALF INCH AND PROBABLY A TENTH OR LESS FOR SOME OF THE LOWER ELEVATIONS. SNOW WILL STAY ABOVE 6500 FEET WITH A FEW INCHES POSSIBLE ON THE HIGHEST PEAKS. SOUTHWEST WINDS WILL INCREASE FRIDAY AFTERNOON AND BECOME QUITE STRONG IN MOUNTAIN RIDGES AND PARTS OF THE DESERTS. MOUNTAIN WAVES SURFACING COULD PRODUCE GUSTS OVER 55 MPH. THE ZIPPY LITTLE STORM WILL SWIFTLY DEPART SATURDAY MORNING AND FAIRLY STRONG ZONAL FLOW WILL GIVE US A FRESH AND COOL WEEKEND. MOISTURE INCREASES AGAIN SUNDAY NIGHT IN THAT ZONAL WEST-TO-EAST FLOW BUT THERE IS NO REAL TRIGGER MECHANISM TO BRING THE PRECIP. EVEN SO...THE MOISTURE AND STRONG ONSHORE FLOW IS ENOUGH TO PRODUCE SOME SHOWERS PARTICULARLY IN THE MOUNTAINS WHICH WOULD BENEFIT FROM THAT DECENT OROGRAPHIC FLOW. AND THAT CONTINUES INTO TUESDAY MORNING. THIS WOULD TRANSLATE INTO BRISK AND COOL ONSHORE FLOW AND A FEW SHOWERS SUNDAY NIGHT THROUGH TUESDAY MORNING. PRETTY STRONG HIGH PRESSURE ALONG THE WEST COAST APPEARS TO SET UP LATER TUESDAY AND WEDNESDAY.

&&

.AVIATION...

091000Z...PATCHY LOW CLOUDS WITH BASES NEAR 1500 FT MSL WILL OCCUR THIS MORNING ALONG THE SAN DIEGO AND ORANGE COUNTY COASTS THROUGH ABOUT 17Z. KSAN...KCRQ AND KSNA WILL HAVE A SLIGHT CHANCE OF HAVING CIGS DEVELOP THIS MORNING ALTHOUGH THEY SHOULD REMAIN SCATTERED FOR MOST OF THE TIME. OCCASIONAL WIND GUSTS TO 30 KNOTS WILL CONTINUE IN THE MOUNTAINS THIS MORNING. OTHERWISE...SKC AND UNRESTRICTED VIS WILL PREVAIL THROUGH THURSDAY MORNING.

&&

.MARINE...

200 AM...A FEW WIND GUSTS OF 15 TO 20 KNOTS THIS MORNING OVER THE OUTER WATERS. OTHERWISE CONDITIONS WILL CONTINUE TO IMPROVE TODAY WITH COMBINED SEAS FALLING TO 4-7 FT. A COLD FRONT WILL BRING GUSTY WESTERLY WINDS ON SATURDAY OF 20 TO 25 KNOTS AT TIMES. IN ADDITION THE NORTHWEST SWELL WILL INCREASE AGAIN SATURDAY...WITH COMBINED SEAS OF 6 TO 10 FT.

&&

.BEACHES...

200 AM...SURF HEIGHTS OF 3 TO 6 FT WILL CONTINUE TODAY...WITH OCCASIONAL SETS TO 7 FT IN SOUTHERN SAN DIEGO COUNTY. ANOTHER NORTHWEST SWELL FROM 285 DEGREES WILL FILTER INTO THE BIGHT TO START THE WEEKEND...BUT THE SHORT PERIOD OF THE SWELL WILL LIMIT SURF HEIGHTS.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...NONE.

PZ...NONE.

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PUBLIC...MM

AVIATION/MARINE/BEACHES...JMB



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AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
940 AM PST WED MAR 9 2016

.SYNOPSIS... A TRANQUIL WEATHER PATTERN WILL PREVAIL ACROSS SOUTHERN CALIFORNIA THROUGH THURSDAY UNDER HIGH PRESSURE RIDGING. A FAST MOVING TROUGH WILL MOVE ACROSS THE AREA LATE FRIDAY/EARLY SATURDAY ...BRINGING A QUICK BOUT OF RAIN...MOUNTAIN SNOW AND LOCALIZED STRONGER WINDS TO THE REGION. HIGH PRESSURE IS POISED TO RETURN FOR THE WEEKEND FOLLOWED BY ANOTHER PERIOD OF UNSETTLED WEATHER AND POSSIBLE LIGHT SHOWERS MONDAY THROUGH TUESDAY. RIDGING TAKES A FIRMER HOLD ON SOUTHERN CALIFORNIA DURING THE MIDDLE TO LATTER PART OF NEXT WEEK WITH PLEASANT CONDITIONS ALONG WITH A WARMING TREND THEN.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

CLEAR SKIES TODAY WITH LARGE SCALE SUBSIDENCE BENEATH A RIDGE OF HIGH PRESSURE OVER THE SOUTHWEST. THE RIDGE AXIS WILL DRIFT EAST TONIGHT AND THURSDAY LEAVING US WITH A SHALLOW MARINE LAYER... GENERALLY LIGHT WINDS AND ABOVE AVERAGE TEMPERATURES THROUGH THURSDAY.

CIRRUS CLOUDS WILL INCREASE AHEAD OF A PACIFIC STORM THAT WILL BRING COOLER WEATHER FRIDAY AND SCATTERED SHOWERS LATE FRIDAY AFTERNOON THROUGH FRIDAY NIGHT. THIS FAST-PACED SHORTWAVE WILL RACE ACROSS CALIFORNIA AND BRING A BRIEF PERIOD OF RAIN FRIDAY AFTERNOON INTO FRIDAY NIGHT. A NARROW RIBBON OF HIGHER 1.00" OF PRECIPITABLE WATER COINCIDENT WITH THE SHORTWAVE AND SURFACE COLD FRONT WILL PRODUCE SCATTERED SHOWERS OVER SO-CAL. PRECIP AMOUNTS WILL BE LIMITED DUE THE STORMS RAPID MOVEMENT WITH AROUND A HALF-INCH IN THE MOUNTAINS...FROM ONE TO TWO TENTHS IN THE COASTAL AND VALLEY ZONES...AND LESS THAN A TENTH IN THE DESERTS. A FEW INCHES OF SNOW WILL ACCUMULATE IN THE MTNS ABOVE 6500 FEET.

IT WILL TURN A BIT WINDY FRIDAY AFTERNOON AND EVENING WITH SOUTHWESTERLY 850 MB WINDS INCREASING TO 30-40 MPH. STRONGEST WINDS WILL BE ON THE EASTERN MTN SLOPES AND INTO THE DESERTS WHERE SURFACING MOUNTAIN WAVES COULD PRODUCE GUSTS OVER 55 MPH.

THE STORM EXITS TO THE EAST SATURDAY MORNING FOLLOWED BY WEAK RIDGING AND FAIR WEATHER SATURDAY AFTERNOON INTO SUNDAY. A WEAKER PACIFIC TROUGH ON MONDAY WILL BRING BACK A DEEPER MARINE LAYER...STRONGER ONSHORE FLOW AND A CHANCE FOR SHOWERS INTO TUESDAY...BUT MOST OF THE STORMS ENERGY WILL BYPASS US TO THE NORTH.

WEDNESDAY THROUGH FRIDAY...A STRONG HIGH PRESSURE RIDGE BUILDS OVER THE WEST FOR SUNNY...WARM WEATHER TO END THE WEEK.

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.AVIATION... 091605...THERE IS A CHANCE OF BKN CLOUDS WITH BASES AROUND 500 FT MSL AND TOPS AROUND 1000 FT MSL WITHIN 10 SM OF THE COAST BETWEEN 10/1000 AND 10/1600 UTC...WITH POSSIBLE LOCAL VIS AOB 1 SM.  
CONFIDENCE IS LOW IN KSAN...KCRQ AND KSNA BEING IMPACTED WITH LOW CIGS/FOG. OTHERWISE...MOSTLY UNRESTRICTED VIS THROUGH THURSDAY MORNING...WITH INCREASING CLOUDS AOA 20000 FT MSL AFTER 10/0000 UTC.

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.MARINE... 805 AM...A COLD FRONT WILL BRING GUSTY WESTERLY WINDS FRIDAY NIGHT THROUGH SATURDAY MORNING...WITH GUSTS OF 25-30 KT POSSIBLE. IN ADDITION...STEEP NORTHWEST SWELLS WILL PRODUCE COMBINED SEAS REACHING 6 TO 10 FT WITH A PERIOD OF 11-12 SECONDS SATURDAY MORNING.

&&

.BEACHES... 805 AM...SURF HEIGHTS OF 3 TO 6 FEET WILL CONTINUE TODAY...WITH OCCASIONAL SETS TO 7 FEET IN SOUTHERN SAN DIEGO COUNTY. SWELL AND SURF WILL THEN LOWER GRADUALLY TONIGHT THROUGH FRIDAY. A STEEP NORTHWEST SWELL FROM 285 DEGREES WILL FILTER INTO THE CALIFORNIA BIGHT TO START THE WEEKEND...BUT THE SHORT PERIOD OF THE SWELL WILL LIMIT SURF HEIGHTS TO MAINLY 3-6 FEET. A MORE SIGNIFICANT LONG-PERIOD NORTHWEST SWELL LOOKS TO ARRIVE NEXT MONDAY...BUT THE STEEP ANGLE OF 290 DEGREES WILL RESULT IN NOT AS MANY BEACHES BEING IMPACTED WITH HIGH SURF.

&&

.SKYWARN...  
SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

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.SGX WATCHES/WARNINGS/ADVISORIES...  
CA...NONE.

PZ...NONE.

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PUBLIC...MOEDE  
AVIATION/MARINE/BEACHES...HARRISON

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AREA FORECAST DISCUSSION  
National Weather Service San Diego CA  
856 PM PST WED MAR 9 2016

.UPDATE...

AT 8 PM PST...FOG SATELLITE SHOWED HIGH CLOUDS STREAMING OVER THE REGION FROM THE NORTHWEST. COASTAL LOW CLOUDS MAY DEVELOP BY THURSDAY MORNING...HOWEVER THE HIGH CLOUDS WILL LIKELY KEEP ANY CLOUDS THAT DO DEVELOP PATCHY. THURSDAY WILL BE THE WARMEST DAY THIS WEEK...WITH HIGHS RISING 5 TO 15 DEG F ABOVE SEASONAL NORMALS ACROSS THE AREA. NO CHANGES TO THE FORECAST WITH THE UPDATE THIS EVENING. PREVIOUS FORECAST REMAINS ON TRACK.

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.SYNOPSIS...

A TRANQUIL WEATHER PATTERN WILL PREVAIL ACROSS SOUTHERN CALIFORNIA THROUGH THURSDAY UNDER A RIDGE OF HIGH PRESSURE. A FAST MOVING TROUGH WILL MOVE ACROSS THE AREA LATE FRIDAY/EARLY SATURDAY ...BRINGING A QUICK BOUT OF RAIN...MOUNTAIN SNOW AND LOCALIZED STRONGER WINDS TO THE REGION. HIGH PRESSURE IS POISED TO RETURN FOR THE WEEKEND FOLLOWED BY ANOTHER PERIOD OF UNSETTLED WEATHER AND POSSIBLE LIGHT SHOWERS LATE SUNDAY THROUGH TUESDAY. RIDGING TAKES A FIRMER HOLD ON SOUTHERN CALIFORNIA DURING THE MIDDLE TO LATTER PART OF NEXT WEEK WITH PLEASANT CONDITIONS ALONG WITH A WARMING TREND.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

.PREV DISCUSSION...

TRANQUIL WEATHER WILL PREVAIL THROUGH THURSDAY NIGHT WITH A RIDGE OF HIGH PRESSURE OVER THE AREA. THE HIGH WILL BE DISPLACED SOUTHEAST OVER MEXICO BY FRIDAY WITH THE APPROACH OF THE NEXT WEATHER SYSTEM POISED TO MOVE INTO CALIFORNIA LATE FRIDAY. MODEL CONSENSUS IS FOR A QUICK BOUT OF RAIN AND MOUNTAIN SNOW LATE FRI/EARLY SATURDAY BEFORE THE TROUGH EXITS THE REGION QUICKLY. TIMING FOR THE BULK OF THE PRECIP IS CENTERED IN THE LATE AFTERNOON AND EVENING ON FRIDAY WITH PRECIP BECOMING SPOTTY OVERNIGHT. WEST TO SOUTH WEST WINDS WILL STRENGTHEN AS THE TROUGH TRAVERSES THE REGION...WITH MAX GUSTS OF 50 TO 60 MPH POSSIBLE OVER MOUNTAIN RIDGES/DESERT MOUNTAIN SLOPES AND IN PORTIONS OF THE HIGH DESERT SATURDAY MORNING.

CONSENSUS IS FOR LIGHT RAINFALL ACCUMULATIONS AVERAGING A TENTH TO A QUARTER OF AN INCH FOR COASTAL AND INLAND VALLEY LOCALES AS

**March 11, 2016 Exceptional Event, Imperial County****Appendix A - Supplemental**

WELL AS THE HIGH DESERT...TO NEAR A HALF AN INCH OVER THE MOUNTAINS AND LESS THAN A TENTH OF AN INCH FOR THE LOWER DESERTS. THE FAST MOVEMENT OF THIS SYSTEM WILL BE THE LIMITING FACTOR FOR HIGHER AMOUNTS. AS THE COLD TROUGH DIVES INTO THE AREA...COLDER AIR WILL MOVE IN WITH RAIN SHOWERS CHANGING TO SNOW SHOWERS FOR ELEVATIONS ABOVE 6000 FT WITH SOME 1 TO 3 INCHES OF SNOW FORECAST FOR THE SAN BERNARDINO AND RIVERSIDE COUNTY MOUNTAINS.

THE STORM EXITS TO THE EAST SATURDAY MORNING...FOLLOWED BY WEAK RIDGING AND FAIR WEATHER SATURDAY AFTERNOON INTO SUNDAY. A WEAKER PACIFIC TROUGH ON MONDAY WILL BRING BACK A DEEPER MARINE LAYER...STRONGER ONSHORE FLOW AND A CHANCE FOR SHOWERS INTO TUESDAY...BUT MOST OF THE STORMS ENERGY WILL BYPASS US TO THE NORTH.

WEDNESDAY THROUGH FRIDAY...A STRONG HIGH PRESSURE RIDGE BUILDS OVER THE WEST FOR SUNNY...WARM WEATHER AND GUSTY INLAND OFFSHORE WINDS TO END THE WEEK.

&&

.AVIATION...

100400...PATCHES OF LOW CLOUDS AND FOG MAY DEVELOP NEAR THE COAST BETWEEN 10Z AND 16Z THURSDAY. WHERE LOW CLOUDS AND FOG FORM...BASES WILL BE IN THE 400-900 FT MSL RANGE WITH LOCAL VIS RESTRICTIONS OF 1 SM OR LESS POSSIBLE. THE POTENTIAL FOR PROLONGED VIS OR CIG RESTRICTIONS AT THE COASTAL TAF SITES IS LOW. SCT AOA FL200 WILL PREVAIL FOR INLAND AREAS OVERNIGHT...WITH ALL AREAS BECOMING SCT AOA FL200 AFTER 16Z THURSDAY.

&&

.MARINE...

800 PM...NORTHWEST WINDS WILL INCREASE OVER THE BIGHT FRIDAY EVENING INTO SATURDAY AS A WEAK STORM SYSTEM MOVES THROUGH THE REGION. WINDS MAY EXCEED SMALL CRAFT ADVISORY LEVELS DURING THIS PERIOD...WITH SUSTAINED WINDS 10-20 KTS AND GUSTS TO 25 KTS. LIGHT SHOWER ACTIVITY AND COUPLE LIGHTNING STRIKES ARE POSSIBLE FRIDAY EVENING. A NORTHWEST SWELL BETWEEN 6 AND 10 FT AT 11-13 SEC WILL FILTER INTO THE COASTAL WATERS ON SATURDAY. IMPROVING CONDITIONS ARE EXPECTED EARLY NEXT WEEK.

&&

.BEACHES...

800 PM...Several MODERATE PERIOD NORTHWEST SWELLS WILL KEEP SURF Elevated OVER THE WEEKEND AND INTO EARLY NEXT WEEK. HOWEVER THE SHORTER Period AND HIGHER ANGLE...NEAR 290 DEGREES...OF THE SWELL SHOULD KEEP SURF IN THE 2-6 FT RANGE AT THE BEACHES.

&&

.SKYWARN...

Skywarn activation is not requested. However weather spotters are

**March 11, 2016 Exceptional Event, Imperial County****Appendix A - Supplemental**

encouraged to report significant weather conditions.

&&

.SGX Watches/Warnings/Advisories...

CA...None.

PZ...None.

&&

\$\$

PUBLIC...JJT/GREGORIA

AVIATION/MARINE/BEACHES...BA

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**March 11, 2016 Exceptional Event, Imperial County**

**Appendix A - Supplemental**

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National Weather Service Raw Text Product

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998  
WMUS75 KPSR 100849  
NPWPSR

URGENT - WEATHER MESSAGE  
NATIONAL WEATHER SERVICE PHOENIX AZ  
149 AM MST THU MAR 10 2016

...STRONG WESTERLY WINDS FOR FRIDAY AFTERNOON AND EVENING FOR  
PORTIONS OF SOUTHEAST CALIFORNIA...

CAZ030-032-033-110000-  
/O.NEW.KPSR.WI.Y.0003.160311T2200Z-160312T0600Z/  
JOSHUA TREE NATIONAL PARK-RIVERSIDE COUNTY/EASTERN DESERTS-  
IMPERIAL COUNTY-  
INCLUDING THE CITIES OF...COTTONWOOD VISITOR CENTER...KEYS VIEW...  
LOST HORSE...CHIRIACO SUMMIT...DESERT CENTER...EAGLE MOUNTAIN...  
BRAWLEY...CALEXICO...EL CENTRO...GLAMIS...IMPERIAL...  
THE SALTON SEA  
1249 AM PST THU MAR 10 2016

...WIND ADVISORY IN EFFECT FROM 2 PM TO 10 PM PST FRIDAY...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A WIND  
ADVISORY...WHICH IS IN EFFECT FROM 2 PM TO 10 PM PST FRIDAY.

\* AFFECTED AREA...SOUTHEAST CALIFORNIA...INCLUDING THE IMPERIAL  
VALLEY...INTERSTATE 8 EAST OF THE CALIFORNIA MOUNTAINS...AND  
INTERSTATE 10 FROM JUST WEST OF BLYTHE TO THE COACHELLA VALLEY.

\* TIMING...LATE FRIDAY AFTERNOON THROUGH FRIDAY EVENING.

\* WINDS...SUSTAINED WEST WINDS OF 20 TO 30 MPH WITH GUSTS OVER 40  
MPH.

\* IMPACTS...DIFFICULT TRAVEL CONDITIONS DUE TO STRONG CROSSWINDS  
ALONG NORTH-SOUTH ORIENTED ROADWAYS INCLUDING HIGHWAYS 78 AND 86 IN  
SOUTHEAST CALIFORNIA. BLOWING DUST WILL ALSO REDUCE VISIBILITIES  
AT TIMES...POTENTIALLY TO BELOW ONE MILE...ESPECIALLY ACROSS  
IMPERIAL COUNTY IN SOUTHEAST CALIFORNIA IMPACTING TRAVEL ON  
INTERSTATE 8.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN  
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND  
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY  
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT  
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER  
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA  
CAUTION.

&&  
  
\$\$

Enter search term

759  
FXUS66 KSGX 101032  
AFDSGX

AREA FORECAST DISCUSSION

National Weather Service San Diego CA  
230 AM PST THU MAR 10 2016

.SYNOPSIS... FAIR AND WARM WEATHER WILL CONTINUE TODAY. A QUICK STORM WILL PUSH THROUGH SOUTHERN CALIFORNIA LATE FRIDAY INTO EARLY SATURDAY. IT WILL BRING RAIN AND MOUNTAIN SNOW ALONG WITH STRONG WINDS TO THE MOUNTAINS AND DESERTS. COOL AND PARTLY CLOUDY WEATHER WILL FOLLOW THIS WEEKEND. MORE CLOUDS AND LIGHT SHOWERS ARE POSSIBLE SUNDAY NIGHT INTO EARLY TUESDAY. HIGH PRESSURE WILL BRING DRY AND WARMER WEATHER NEXT WEDNESDAY.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

LOTS OF LOW CLOUDS WERE GATHERING BEYOND THE OFFSHORE ISLANDS...BUT SO FAR NOT EVEN A PATCH OF THEM NEAR THE COAST. HIGH CLOUDS WERE INCREASING TOO...PROBABLY PREVENTING SOME OF THAT LOW CLOUD FORMATION. TODAY WILL BE MUCH LIKE YESTERDAY...BUT WARMER AND WITH MORE HIGH CLOUDINESS. THE MARINE LAYER WILL DEVELOP A LITTLE BETTER TONIGHT INTO FRIDAY MORNING WITH MORE COASTAL LOW CLOUDS APPEARING.

ON FRIDAY A VIGOROUS COMPACT STORM WILL RIDE THE STRONG JET STREAM INTO SOUTHERN CALIFORNIA. THIS WILL RAPIDLY INCREASE CLOUDS AND SOUTHWEST WINDS DURING THE AFTERNOON. RAIN AND MOUNTAIN SNOW WILL MOVE THROUGH THE REGION DURING THE EVENING. THERE IS ENOUGH INSTABILITY TO EVEN PRODUCE A FEW THUNDERSTORMS ALONG THE LEADING EDGE OF THE COLD FRONT. WINDS IN THE MOUNTAINS AND DESERTS WILL BECOME QUITE STRONG...WITH GUSTS EXCEEDING 50 MPH ALONG RIDGETOPS AND IN PARTS OF THE ADJACENT SLOPES AND DESERTS. RAINFALL AMOUNTS

WILL STAY BELOW A THIRD INCH FOR MOST AREAS...EXCEPT UP TO AROUND A HALF INCH IN THE MOUNTAINS. ABOVE 6000 FEET LIGHT SNOW UP TO A FEW INCHES IS EXPECTED. JUST AS QUICKLY AS THE STORM ARRIVES...IT WILL MOVE OUT EARLY SATURDAY. A RELATIVELY MOIST ZONAL FLOW FOLLOWS THE STORM SO PARTLY CLOUDY AND COOL WEATHER WILL PREVAIL THIS WEEKEND. A WEAK TROUGH WILL MOVE THROUGH THE MEAN ZONAL FLOW TO OUR NORTH SUNDAY NIGHT AND MONDAY. BARELY ENOUGH ENERGY AND MOISTURE WILL BRING SMALL CHANCES OF SHOWERS FROM SUNDAY EVENING THROUGH TUESDAY MORNING...MOST LIKELY IN THE MOUNTAINS WHICH WILL TAKE ADVANTAGE OF FAVORABLE OROGRAPHICS. ON TUESDAY AND WEDNESDAY A HIGH PRESSURE RIDGE BEGINS TO AMPLIFY ALONG THE WEST COAST PROMISING DRY WEATHER AND A WARMING TREND.

&&

.AVIATION...

**March 11, 2016 Exceptional Event, Imperial County****Appendix A - Supplemental**

101000...PATCHY LOW CLOUDS AND LIGHT FOG WILL BE POSSIBLE THIS MORNING NEAR THE COAST...THROUGH ABOUT 16Z. ANY CIGS WILL BE SHORT LIVED WITH BASES IN THE 500-100 FT MSL RANGE WITH BRIEF VSBY RESTRICTIONS OF 1-3 SM. OTHERWISE...SCT AOA FL200 AFTER 16Z THIS MORNING. AFTER 08Z TONIGHT...WIDESPREAD COASTAL STRATUS MAY DEVELOP AS ONSHORE FLOW PICKS UP A BIT IN ADVANCE OF A PACIFIC COLD FRONT SCHEDULED TO ARRIVE ON FRIDAY. CIGS MAY DEVELOP AFTER 08Z TONIGHT...WITH BASES LIKELY BETWEEN 1000-2000 FT MSL AND MAY PUSH UP TO 15-20 MILES INLAND BY EARLY FRIDAY MORNING. FORECASTER CONFIDENCE ON Occurrence IS MEDIUM AT THIS TIME. GUSTY WESTERLY WINDS OF 30 TO 40 KNOTS WILL BE POSSIBLE AFTER 12Z FRIDAY THROUGH THE MOUNTAINS AND PASSES.

&amp;&amp;

.MARINE...

200 AM...NORTHWEST WINDS WILL INCREASE OVER THE BIGHT FRIDAY EVENING INTO SATURDAY AS A PACIFIC COLD FRONT MOVES THROUGH THE REGION. WINDS MAY EXCEED SMALL CRAFT ADVISORY LEVELS DURING THIS PERIOD...WITH SUSTAINED WINDS 10-20 KTS AND GUSTS TO 25 KTS. RAIN SHOWERS WILL BE LIKELY ALONG WITH A FEW THUNDERSTORMS ALSO POSSIBLE FRIDAY EVENING. A NORTHWEST SWELL BETWEEN 6-10 FT AT 11-13 SEC WILL FILTER INTO THE COASTAL WATERS ON SATURDAY. IMPROVING CONDITIONS ARE EXPECTED FOR EARLY NEXT WEEK.

&amp;&amp;

.BEACHES...

200 AM...Several MODERATE PERIOD NORTHWEST SWELLS WILL KEEP SURF Elevated OVER THE WEEKEND AND INTO EARLY NEXT WEEK. HOWEVER...THE SHORTER Period AND HIGHER ANGLE...NEAR 290 DEGREES...OF THE SWELL SHOULD KEEP SURF IN THE 2-6 FT RANGE AT THE BEACHES.

&amp;&amp;

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&amp;&amp;

.SGX WATCHES/WARNINGS/ADVISORIES...  
CA...NONE.

PZ...NONE.

&amp;&amp;

\$\$

PUBLIC...MM

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Department of Agronomy

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┌  
971  
FXUS66 KSGX 101737  
AFDSGX

AREA FORECAST DISCUSSION  
National Weather Service San Diego CA  
937 AM PST THU MAR 10 2016

.SYNOPSIS... A RIDGE OF HIGH PRESSURE WILL CREATE MILD WEATHER AGAIN TODAY WITH SCATTERED HIGH CLOUDS AND MAXIMUM TEMPERATURES 5 TO 10 DEGREES ABOVE NORMAL. A QUICK MOVING LOW PRESSURE TROUGH WILL PUSH THROUGH SOUTHERN CALIFORNIA FRIDAY AFTERNOON THROUGH EARLY SATURDAY. THIS FEATURE WILL BRING MAINLY LIGHT TO MODERATE SHOWERS OVER AND WEST OF THE MOUNTAINS...SNOW TO THE HIGHER TERRAIN...AND A BRIEF PERIOD OF GUSTY WESTERLY WINDS TO THE MOUNTAIN RIDGE TOPS AND DESERTS. COOLER WEATHER WILL CONTINUE OVER THE WEEKEND WITH LIGHT RAIN SHOWERS POSSIBLE SUNDAY NIGHT INTO EARLY TUESDAY. HIGH PRESSURE WILL BRING DRY AND WARMER WEATHER NEXT WEDNESDAY.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

TONIGHT...A VERY COMPACT AND QUICK MOVING TROUGH OF LOW PRESSURE WILL APPROACH CLOSER TO THE SOUTHERN CALIFORNIA COAST. IN RESPONSE...THE MARINE LAYER WILL DEEPEN AND SURFACE PRESSURE GRADIENTS WILL BEGIN TO TREND ONSHORE. THE LOCAL 12Z WRF MODEL DEVELOPS A LOW CLOUD DECK OVER THE COASTAL WATERS AND PUSHES IT AROUND 10 TO 15 MILES INLAND BY LATE TONIGHT.

ON FRIDAY...AHEAD OF THE FRONT...GUSTY WEST WINDS WILL DEVELOP OVER THE MOUNTAINS AND DESERTS. PRECIPITATION CHANCES INCREASE FRIDAY AFTERNOON INTO THE EVENING AND WILL PERSIST INTO EARLY SATURDAY. THE WRF AND NAM4 AGREE ON TIMING THE INITIAL PRECIPITATION WHICH WILL BE ARRIVING BY MID AFTERNOON. LIGHT TO MODERATE SHOWERS WILL THEN SPREAD QUICKLY EAST OVER THE ENTIRE REGION. BY SATURDAY MORNING...THE SYSTEM WILL EXIT THE REGION AND PRECIPITATION CHANCES DWINDLE. THE SNOW LEVEL FRIDAY NIGHT WILL DROP TO BETWEEN 6000-6500 FEET WITH ONLY A COUPLE INCHES OF SNOW EXPECTED ON THE HIGHEST PEAKS. RAINFALL RATES AND AMOUNTS WILL NOT BE OVERLY IMPRESSIVE AND NO FLOOD PRODUCTS ARE ANTICIPATED. COASTAL AREAS ARE FORECAST TO RECEIVE ANYWHERE FROM 0.10" TO 0.30"...0.30" TO 0.60" IN THE MOUNTAINS...0.10" TO 0.15" IN THE UPPER DESERTS...AND LESS THAN 0.05" IN THE LOWER DESERTS.

THIS WEEKEND INTO EARLY NEXT WEEK...A MOIST ZONAL FLOW WILL CONTINUE OVER THE REGION...MAINTAINING ONSHORE FLOW AND COOLER WEATHER. INLAND HIGH TEMPERATURES WILL MAINLY BE 5 TO 10 DEGREES BELOW NORMAL. A WEAK TROUGH WILL PASS TO THE NORTH OF REGION SUNDAY EVENING THROUGH EARLY TUESDAY. LIMITED MOISTURE AND LIFT OVER

**March 11, 2016 Exceptional Event, Imperial County****Appendix A - Supplemental**

SOUTHERN CALIFORNIA WILL GIVE WAY TO A SLIGHT CHANCE OF LIGHT SHOWERS DURING THIS TIME FRAME. LONG RANGE MODELS BUILD A LARGE DOME OF HIGH PRESSURE OVER THE WEST COAST BY MID WEEK. THIS FEATURE WILL BRING A RETURN TO WARM AND DRY WEATHER TO SO CAL.

&&

.AVIATION...

101732Z...COAST/VALLEYS...LOW STRATUS/FOG ABOUT 5 SM INLAND FROM THE ORANGE COUNTY COAST SHOULD CLEAR OUT THROUGH 1800 UTC. 1800-11/0300 UTC...MOSTLY UNRESTRICTED VIS AND SCT CLOUDS AOA 20000 FT MSL. 11/0300-0900 UTC...LOW STRATUS/FOG GRADUALLY

DEVELOPING ABOUT 5-15 SM INLAND WITH BASES 300-700 FT MSL...TOPS AROUND 800-1000 FT MSL...AREAS OF VIS 1-5 SM AND LOCAL VIS 1/4SM OR LESS. LOW CLOUDS THEN DEEPENING AND MOVING AS MUCH AS 20-30 SM INLAND 11/0900-1600 UTC...WITH BASES POSSIBLY RISING TO 800-1200 FT MSL AND TOPS POSSIBLY RISING TO 1500-2000 FT MSL. SMALL CHANCE THAT KONT COULD SEE BKN/OVC CIGS OR LOW VIS BY 11/14000 UTC BUT CHANCES ARE LOW. FORECAST CONFIDENCE IS MODERATE.

MTNS/DESERTS...UNRESTRICTED VIS AND SCT CLOUDS AOA 20000 FT MSL THROUGH FRIDAY MORNING.

&&

.MARINE...

932 AM...NORTHWEST WINDS WILL INCREASE OVER THE BIGHT FRIDAY EVENING INTO EARLY SATURDAY AS A PACIFIC COLD FRONT MOVES THROUGH THE REGION. WINDS MAY EXCEED SMALL CRAFT ADVISORY LEVELS DURING THIS PERIOD...WITH SUSTAINED WINDS 10-20 KTS AND GUSTS TO 25 KTS. RAIN SHOWERS WILL BE LIKELY ALONG WITH POSSIBLY A FEW THUNDERSTORMS FRIDAY EVENING. ALSO...A WEST-NORTHWEST SWELL BETWEEN 8-12 FT AT 11-13 SEC WILL FILTER INTO THE COASTAL WATERS ON SATURDAY. IMPROVING CONDITIONS ARE EXPECTED SUNDAY.

&&

.BEACHES...

932 AM...A STEEP WEST-NORTHWEST SWELL FROM 280 DEGREES WILL FILTER INTO THE CALIFORNIA BIGHT FRIDAY NIGHT THROUGH SATURDAY...AND THE WAVE WATCH 3 HAS BEEN TRENDING HIGHER WITH THE SWELL HEIGHTS...SO WE COULD SEE HIGH SURF OF 5-7 FEET FOR THAT TIME PERIOD. A LONG-PERIOD NORTHWEST SWELL LOOKS TO ARRIVE NEXT MONDAY...BUT THE STEEP ANGLE OF 290 DEGREES WILL RESULT IN NOT AS MANY BEACHES BEING IMPACTED WITH HIGH SURF.

&&

.SKYWARN...

Skywarn activation is not requested. However weather spotters are encouraged to report significant weather conditions.

&amp;&amp;

.SGX Watches/Warnings/Advisories...

CA...None.

PZ...None.

&amp;&amp;

\$\$

PUBLIC...JT

AVIATION/MARINE...Harrison

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432  
WMUS75 KPSR 102109  
NPWPSR

URGENT - WEATHER MESSAGE  
NATIONAL WEATHER SERVICE PHOENIX AZ  
209 PM MST THU MAR 10 2016

...STRONG WESTERLY WINDS FRIDAY AFTERNOON AND EVENING FOR PORTIONS  
OF SOUTHEAST CALIFORNIA...

CAZ030-032-033-111400-  
/O.CON.KPSR.WI.Y.0003.160311T2200Z-160312T0600Z/  
JOSHUA TREE NATIONAL PARK-RIVERSIDE COUNTY/EASTERN DESERTS-  
IMPERIAL COUNTY-  
INCLUDING THE CITIES OF...COTTONWOOD VISITOR CENTER...KEYS VIEW...  
LOST HORSE...CHIRIACO SUMMIT...DESERT CENTER...EAGLE MOUNTAIN...  
BRAWLEY...CALEXICO...EL CENTRO...GLAMIS...IMPERIAL...  
THE SALTON SEA  
109 PM PST THU MAR 10 2016

...WIND ADVISORY REMAINS IN EFFECT FROM 2 PM TO 10 PM PST  
FRIDAY...

\* AFFECTED AREA...SOUTHEAST CALIFORNIA...INCLUDING THE IMPERIAL  
VALLEY...INTERSTATE 8 EAST OF THE CALIFORNIA MOUNTAINS...AND  
INTERSTATE 10 FROM JUST WEST OF BLYTHE TO THE COACHELLA  
VALLEY.

\* TIMING...LATE FRIDAY AFTERNOON THROUGH FRIDAY EVENING.

\* WINDS...SUSTAINED WEST WINDS OF 20 TO 30 MPH WITH GUSTS OVER  
40 MPH.

\* VISIBILITIES...BLOWING DUST WILL ALSO REDUCE VISIBILITIES AT  
TIMES...POTENTIALLY TO BELOW ONE MILE...ESPECIALLY ACROSS IMPERIAL  
COUNTY IN SOUTHEAST CALIFORNIA IMPACTING TRAVEL ON INTERSTATE 8.  
REGIONAL AND LONG-RANGE VISIBILITIES...INCLUDING LOCATIONS ALONG  
AND JUST EAST OF THE COLORADO RIVER VALLEY...WILL BE DEGRADED DUE  
TO THE LOFTED DUST AND SAND.

\* IMPACTS...DIFFICULT TRAVEL CONDITIONS DUE TO STRONG CROSSWINDS  
ALONG NORTH-SOUTH ORIENTED ROADWAYS INCLUDING HIGHWAYS 78 AND 86 IN  
SOUTHEAST CALIFORNIA.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN  
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND  
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY  
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT  
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER  
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA  
CAUTION.

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607  
FXUS65 KPSR 102125  
AFDPSR

AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE PHOENIX AZ  
225 PM MST THU MAR 10 2016

.SYNOPSIS...  
A MOSTLY DRY AND WARM PATTERN WILL CONTINUE INTO NEXT WEEK...HOWEVER ONE LOW PRESSURE SYSTEM WILL PASS THROUGH NORTHERN ARIZONA FRIDAY NIGHT INTO SATURDAY PROVIDING SOMEWHAT COOLER UNSETTLED WEATHER. THE BIGGEST IMPACT FROM THIS DISTURBANCE WILL BE WINDY CONDITIONS THROUGH SOUTHEAST CALIFORNIA PRODUCING LOCAL BLOWING SAND AND DUST FRIDAY NIGHT. VERY PLEASANT WEATHER CONDITIONS WILL RETURN TO THE REGION DURING THE FIRST HALF OF NEXT WEEK.

&&

.DISCUSSION...  
ANOTHER QUIET DAY WITH RIDGE AXIS STILL OVER OUR FORECAST AREA WITH NEARLY A CLOUD-FREE SKY EVERYWHERE. TEMPERATURES AT 2 PM WERE RUNNING ABOUT 5 TO 8 F AHEAD OF THIS TIME YESTERDAY.

FRIDAY INTO SATURDAY...A QUICK MOVING SHORT WAVE WILL CUT ACROSS NORTHERN ARIZONA. BIGGEST IMPACT WILL BE AN INCREASE IN WINDS. A WIND ADVISORY REMAINS IN PLACE FOR PORTIONS OF SOUTHEAST CALIFORNIA FRIDAY AFTERNOON AND EVENING. WIND FIELDS SHOULD RESPOND STRONGLY IN THE AFTERNOON AS COLD AIR ADVECTION GETS UNDERWAY. BUFR SOUNDINGS SUPPORT WINDS APPROACHING OR EXCEEDING 40 MPH IN THE IMPERIAL VALLEY AND THE I-10 CORRIDOR OF EASTERN RIVERSIDE COUNTY. WE'RE EXPECTING TO SEE SOME BLOWING SAND/DUST IN THAT AREA AS WELL. WARM AIR ADVECTION AHEAD OF THE FRONT SHOULD PUSH CENTRAL ARIZONA TOWARD THE 90 DEGREE MARK /WHILE SOME MINOR COOLING BEGINS IN SOUTHEAST CALIFORNIA/.

FRIDAY NIGHT THE SHORT WAVE MOVES THROUGH. STILL THE ISSUE OF NOT AN INCREDIBLE AMOUNT OF MOISTURE TO WORK WITH AND THE ISENTROPIC LIFT ISN'T VERY IMPRESSIVE. EVEN STILL...A SLIGHTLY FURTHER SOUTH TRAJECTORY AND A BOOST FROM OROGRAPHIC LIFT SHOULD GET A FEW LIGHT SHOWERS GOING EAST OF PHOENIX AROUND 12Z SATURDAY. THE SYSTEM WILL RAPIDLY MOVE EAST DURING THE DAY AND BY THE EARLY AFTERNOON HOURS MUCH DRIER AIR WILL BE FILTERING IN. THE MAXT DELTA FROM FRIDAY TO SATURDAY WILL RANGE FROM 5 TO 15 F.

ONCE THE QUICK MOVING SHORTWAVE EXITS INTO THE SOUTHERN PLAINS BY THE END OF THE WEEKEND...THE FORECAST AREA WILL REMAIN UNDER DRY ZONAL FLOW FOR AT LEAST THE FIRST HALF OF NEXT WEEK WITH H5 HEIGHTS VERY STEADY IN A 568-574DM RANGE. THE UPPER JET CORE WILL REMAIN THROUGH NORTHERN ARIZONA PLACING THE CWA WITHIN A GOOD SUBSIDENT WARMING REGIME PROMOTING DEEP MIXING AND TEMPERATURES 5-10F ABOVE NORMAL. FORECAST CONFIDENCE WANES RATHER SUBSTANTIALLY TOWARDS THE LATTER HALF OF NEXT WEEK...WITH OPERATIONAL MODELS VASTLY DIVERGING ON THE PLACEMENT OF NEGATIVE HEIGHT ANOMALIES ACROSS NORTH AMERICA DURING A LARGE SCALE HEMISPHERIC AMPLIFICATION PHASE. UNFORTUNATELY...ENSEMBLE MEMBERS DISPLAY A WIDE SPREAD AS WELL WITH THE 00Z OPERATIONAL GFS TRENDING TOWARDS THE EASTERN EDGE OF THE ENVELOPE (MAIN COLD CORE OVER ONTARIO) WHILE THE 00Z ECMWF SPLITS THE LOW CENTER BETWEEN MANITOBA AND THE FOUR CORNERS. BASED ON AN ENSEMBLE MEAN AND ROUGH SUBJECTIVE MODE OF ENSEMBLES...THINKING SOMETHING CLOSER TO THE GEM OR GEM/GFS BLEND IS THE MOST LIKELY/ACCURATE SOLUTION YIELDING A DRY OUTCOME AND MAINTENANCE OF WARMER THAN AVERAGE CONDITIONS.

&&

.AVIATION...  
SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...AND SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...

HIGH PRESSURE ALOFT TO CONTINUE THROUGH FRIDAY MORNING WITH SCT/BKN CIRRUS PERSISTING. WINDS WILL REMAIN LIGHT...LESS THAN 10 KTS... THROUGH FRIDAY MORNING. WINDS WILL BECOME BREEZY OUT OF THE WEST ACROSS SOUTH-CENTRAL ARIZONA BY LATE FRIDAY AFTERNOON AND WINDY AT TIMES ACROSS SOUTHEAST CALIFORNIA AND SOUTHWEST ARIZONA AS A QUICK MOVING WEATHER DISTURBANCE PASSES THROUGH THE REGION.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

&&

March 11, 2016 Exceptional Event, Imperial County

Appendix A - Supplemental

.FIRE WEATHER...  
SATURDAY THROUGH WEDNESDAY...  
LOW PRESSURE WILL BE EXITING THE REGION EARLY SATURDAY WITH  
DIMINISHING WINDS AND COOLER/LESS DRY CONDITIONS. MOST OF THE DESERT  
WILL SEE MINIMUM RH VALUES BETWEEN 15 AND 20 PERCENT SATURDAY WITH  
VALUES AT OR ABOVE 30 PERCENT OVER THE HIGHER TERRAIN OF JOSHUA TREE  
NATIONAL PARK AND SOUTHERN GILA COUNTY. LOCALLY BREEZY WEST WINDS ARE  
ALSO EXPECTED...ESPECIALLY OVER HIGHER TERRAIN AREAS EAST OF PHOENIX.  
FOR SUNDAY INTO THE MIDDLE OF NEXT WEEK...A RELATIVELY DRY WEST FLOW  
ALOFT WILL OVERSPREAD THE AREA ALLOWING FOR ONLY VERY SUBTLE WARMING  
AREA WIDE. MINIMUM HUMIDITY LEVELS WILL HOVER IN A 15 TO 30 PERCENT  
RANGE ACROSS THE DESERTS THROUGH THE PERIOD. LOCALLY BREEZY DAYTIME  
CONDITIONS WILL OCCUR EACH DAY SUNDAY THROUGH TUESDAY WITH WINDS  
FAVORING THE WEST EACH AFTERNOON. A STRONGER NORTHERLY WIND FLOW IS  
LIKELY DOWN THE LOWER COLORADO RIVER VALLEY ON WEDNESDAY.

&&

.SPOTTER INFORMATION STATEMENT...  
SPOTTERS ARE ENCOURAGED TO REPORT BASED ON STANDARD OPERATING  
PROCEDURES.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...  
AZ...NONE.  
CA...WIND ADVISORY FROM 2 PM TO 10 PM PST FRIDAY FOR CAZ030-032-033.

&&

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...INIGUEZ/MO  
AVIATION...KUHLMAN  
FIRE WEATHER...KUHLMAN

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514  
WMUS76 KSGX 110401  
NPWSGX

URGENT - WEATHER MESSAGE  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
801 PM PST THU MAR 10 2016

...GUSTY SOUTHWESTERLY WINDS IN PORTIONS OF THE MOUNTAINS AND  
DESERTS LATE FRIDAY THROUGH EARLY SATURDAY...

.AN UPPER-LEVEL LOW PRESSURE TROUGH MOVING ACROSS THE REGION WILL  
CREATE GUSTY SOUTHWESTERLY WINDS ACROSS PORTIONS OF THE MOUNTAINS  
AND DESERTS LATE FRIDAY THROUGH EARLY SATURDAY. GUSTS OF 50 TO 60  
MPH ARE EXPECTED THROUGH THE PERIOD. CONDITIONS WILL IMPROVE BY  
LATE SATURDAY MORNING.

CAZ058-060>062-065-111400-  
/O.NEW.KSGX.WI.Y.0015.160312T0000Z-160312T1400Z/  
SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-  
COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-  
SAN GORGONIO PASS NEAR BANNING-  
801 PM PST THU MAR 10 2016

...WIND ADVISORY IN EFFECT FROM 4 PM FRIDAY TO 6 AM PST  
SATURDAY...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A WIND  
ADVISORY...WHICH IS IN EFFECT FROM 4 PM FRIDAY TO 6 AM PST  
SATURDAY.

\* WINDS...SOUTHWEST 25 TO 35 MPH WITH GUSTS TO 60 MPH  
FRIDAY AFTERNOON...BECOMING WEST TO SOUTHWEST FRIDAY NIGHT.

\* TIMING...LATE FRIDAY AFTERNOON THROUGH EARLY SATURDAY MORNING.

\* LOCATION...NEAR MOUNTAIN RIDGETOPS...ALONG DESERT MOUNTAIN  
SLOPES...INTO ADJACENT DESERT AREAS.

\* VISIBILITY...LOCALLY REDUCED IN BLOWING SAND AND BLOW DUST IN  
THE DESERTS.

\* IMPACTS...THE WINDS WILL MAKE DRIVING DIFFICULT...ESPECIALLY FOR  
MOTORISTS WITH HIGH PROFILE VEHICLES. WATCH FOR BROKEN TREE  
LIMBS. IN THE DESERTS...AREAS OF BLOWING DUST AND SAND WILL  
LOCALLY REDUCE VISIBILITY.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS  
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH  
PROFILE VEHICLES. USE EXTRA CAUTION.

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FXUS65 KPSR 110327  
AFDPSR

AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE PHOENIX AZ  
830 PM MST THU MAR 10 2016

.SYNOPSIS...A MOSTLY DRY AND WARM PATTERN WILL CONTINUE INTO NEXT WEEK...HOWEVER ONE LOW PRESSURE SYSTEM WILL PASS THROUGH NORTHERN ARIZONA FRIDAY NIGHT INTO SATURDAY PROVIDING SOMEWHAT COOLER UNSETTLED WEATHER. THE BIGGEST IMPACT FROM THIS DISTURBANCE WILL BE WINDY CONDITIONS THROUGH SOUTHEAST CALIFORNIA PRODUCING LOCAL BLOWING SAND AND DUST FRIDAY NIGHT. VERY PLEASANT WEATHER CONDITIONS WILL RETURN TO THE REGION DURING THE FIRST HALF OF NEXT WEEK.

&&

.DISCUSSION...

VARIABLE HIGH CLOUDS WERE NOTED OVER OUR FORECAST AREA THIS EVENING...SOUTHEAST CA TO SOUTH CENTRAL AZ...AS A HIGH PRESSURE SYSTEM...ALTHOUGH WEAKENING...WILL CONTINUE OVERHEAD THROUGH FRIDAY MORNING.

AS DISCUSSED THE PAST FEW DAYS...AN ABRUPT CHANGE TO THE WEATHER PATTERN IS STILL FORECAST FOR LATE FRIDAY AFTERNOON THROUGH SATURDAY...AS A VIGOROUS PACIFIC DISTURBANCE MOVES THROUGH THE AREA. HIGH TEMPERATURES IN PHOENIX WILL FALL FROM A PRE-FRONTAL WARM 90 DEG FRI AFTN TO 74 SAT AFTN.

ALTHOUGH MOST OF THE MOISTURE AND STORM DYNAMICS FOR PRECIPITATION WILL BE CONFINED TO THE MOHAVE DESERT AND SOUTHERN NEVADA FRIDAY EVENING...AND ACROSS FAR NORTHERN ARIZONA LATE FRIDAY NIGHT AND SATURDAY MORNING...WINDY IMPACTS ARE EXPECTED IN OUR AREA. STRONG WINDS IN THE 35 TO 45 MPH RANGE ARE STILL SLATED FOR PORTIONS OF SOUTHEAST CA...ESPECIALLY THE IMPERIAL VALLEY...SALTON SEA...AND JOSHUA TREE NATIONAL PARK. A WIND ADVISORY FOR THE AREA IS POSTED FOR FRIDAY AFTERNOON. WINDS WILL SLOWLY DIMINISH AREA-WIDE FRIDAY NIGHT.

OTHERWISE CURRENT FORECASTS FOR FRIDAY AND SATURDAY LOOK GOOD. NO UPDATES PLANNED.

.PREVIOUS DISCUSSION...302 PM MST...

ANOTHER QUIET DAY WITH RIDGE AXIS STILL OVER OUR FORECAST AREA WITH NEARLY A CLOUD-FREE SKY EVERYWHERE. TEMPERATURES AT 2 PM WERE RUNNING ABOUT 5 TO 8 F AHEAD OF THIS TIME YESTERDAY.

FRIDAY INTO SATURDAY...A QUICK MOVING SHORT WAVE WILL CUT ACROSS NORTHERN ARIZONA. BIGGEST IMPACT WILL BE AN INCREASE IN WINDS. A WIND ADVISORY REMAINS IN PLACE FOR PORTIONS OF SOUTHEAST CALIFORNIA FRIDAY AFTERNOON AND EVENING. WIND FIELDS SHOULD RESPOND STRONGLY IN THE AFTERNOON AS COLD AIR ADVECTION GETS UNDERWAY. BUFR SOUNDINGS SUPPORT WINDS APPROACHING OR EXCEEDING 40 MPH IN THE IMPERIAL VALLEY AND THE I-10 CORRIDOR OF EASTERN RIVERSIDE COUNTY. WE/RE EXPECTING TO SEE SOME BLOWING SAND/DUST IN THAT AREA AS WELL. WARM AIR ADVECTION AHEAD OF THE FRONT SHOULD PUSH CENTRAL ARIZONA TOWARD THE 90 DEGREE MARK /WHILE SOME MINOR COOLING BEGINS IN SOUTHEAST CALIFORNIA/.

FRIDAY NIGHT THE SHORT WAVE MOVES THROUGH. STILL THE ISSUE OF NOT AN INCREDIBLE AMOUNT OF MOISTURE TO WORK WITH AND THE ISENTROPIC LIFT ISN/T VERY IMPRESSIVE. EVEN STILL...A SLIGHTLY FURTHER SOUTH TRAJECTORY AND A BOOST FROM OROGRAPHIC LIFT SHOULD GET A FEW LIGHT SHOWERS GOING EAST OF PHOENIX AROUND 12Z SATURDAY. THE SYSTEM WILL RAPIDLY MOVE EAST DURING THE DAY AND BY THE EARLY AFTERNOON HOURS MUCH DRIER AIR WILL BE FILTERING IN. THE MAXT DELTA FROM FRIDAY TO SATURDAY WILL RANGE FROM 5 TO 15 F.

ONCE THE QUICK MOVING SHORTWAVE EXITS INTO THE SOUTHERN PLAINS BY THE END OF THE WEEKEND...THE FORECAST AREA WILL REMAIN UNDER DRY ZONAL FLOW FOR AT LEAST THE FIRST HALF OF NEXT WEEK WITH HS HEIGHTS VERY STEADY IN A 568-574DM RANGE. THE UPPER JET CORE WILL REMAIN THROUGH NORTHERN ARIZONA PLACING THE CWA WITHIN A GOOD SUBSIDENT WARMING REGIME PROMOTING DEEP MIXING AND TEMPERATURES 5-10F ABOVE NORMAL. FORECAST CONFIDENCE WANES RATHER SUBSTANTIALLY TOWARDS THE LATTER HALF OF NEXT WEEK...WITH OPERATIONAL MODELS VASTLY DIVERGING

**March 11, 2016 Exceptional Event, Imperial County****Appendix A - Supplemental**

ON THE PLACEMENT OF NEGATIVE HEIGHT ANOMALIES ACROSS NORTH AMERICA DURING A LARGE SCALE HEMISPHERIC AMPLIFICATION PHASE. UNFORTUNATELY...ENSEMBLE MEMBERS DISPLAY A WIDE SPREAD AS WELL WITH THE 00Z OPERATIONAL GFS TRENDING TOWARDS THE EASTERN EDGE OF THE ENVELOPE (MAIN COLD CORE OVER ONTARIO) WHILE THE 00Z ECMWF SPLITS THE LOW CENTER BETWEEN MANITOBA AND THE FOUR CORNERS. BASED ON AN ENSEMBLE MEAN AND ROUGH SUBJECTIVE MODE OF ENSEMBLES...THINKING SOMETHING CLOSER TO THE GEM OR GEM/GFS BLEND IS THE MOST LIKELY/ACCURATE SOLUTION YIELDING A DRY OUTCOME AND MAINTENANCE OF WARMER THAN AVERAGE CONDITIONS.

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.AVIATION...  
SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...AND

A HIGH PRESSURE SYSTEM WILL CONTINUE OVER THE REGION...BUT WEAKEN LATE FRIDAY MORNING AS A STRONG BUT DRY COLD FRONT APPROACHES. THROUGH 20Z FRI...VARIABLE HIGH CLOUDS AOA 25 THSD MSL. LIGHT SOUTH TO SOUTHEAST WIND UNDER 9 KNOTS. AS THE COLD FRONT APPROACHES FRIDAY AFTERNOON...FROM 20Z FRI THROUGH 03Z SAT...INCREASING SOUTHWEST WIND 15 TO 25 KNOTS. WIND PEAKS BTWN 00Z SAT - 03Z SAT.

SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...

A HIGH PRESSURE SYSTEM WILL CONTINUE OVER THE REGION...BUT WEAKEN LATE FRIDAY MORNING AS A STRONG BUT DRY COLD FRONT APPROACHES. THROUGH 20Z FRI...VARIABLE HIGH CLOUDS AOA 25 THSD MSL. LIGHT SOUTH TO SOUTHEAST WIND UNDER 9 KNOTS. AS THE COLD FRONT APPROACHES FRIDAY AFTERNOON...FROM 20Z FRI THROUGH 03Z SAT...INCREASING SOUTHWEST WIND 25 TO 55 KNOTS. WIND PEAKS BTWN 00Z SAT - 03Z SAT.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

&amp;&amp;

.FIRE WEATHER...  
SATURDAY THROUGH WEDNESDAY...  
LOW PRESSURE WILL BE EXITING THE REGION EARLY SATURDAY WITH DIMINISHING WINDS AND COOLER/LESS DRY CONDITIONS. MOST OF THE DESERT WILL SEE MINIMUM RH VALUES BETWEEN 15 AND 20 PERCENT SATURDAY WITH VALUES AT OR ABOVE 30 PERCENT OVER THE HIGHER TERRAIN OF JOSHUA TREE NATIONAL PARK AND SOUTHERN GILA COUNTY. LOCALLY BREEZY WEST WINDS ARE ALSO EXPECTED...ESPECIALLY OVER HIGHER TERRAIN AREAS EAST OF PHOENIX. FOR SUNDAY INTO THE MIDDLE OF NEXT WEEK...A RELATIVELY DRY WEST FLOW ALOFT WILL OVERSPREAD THE AREA ALLOWING FOR ONLY VERY SUBTLE WARMING AREA WIDE. MINIMUM HUMIDITY LEVELS WILL HOVER IN A 15 TO 30 PERCENT RANGE ACROSS THE DESERTS THROUGH THE PERIOD. LOCALLY BREEZY DAYTIME CONDITIONS WILL OCCUR EACH DAY SUNDAY THROUGH TUESDAY WITH WINDS FAVORING THE WEST EACH AFTERNOON. A STRONGER NORTHERLY WIND FLOW IS LIKELY DOWN THE LOWER COLORADO RIVER VALLEY ON WEDNESDAY.

&amp;&amp;

.SPOTTER INFORMATION STATEMENT...  
SPOTTERS ARE ENCOURAGED TO REPORT BASED ON STANDARD OPERATING PROCEDURES.

&amp;&amp;

.PSR WATCHES/WARNINGS/ADVISORIES...  
AZ...NONE.  
CA...WIND ADVISORY FROM 2 PM TO 10 PM PST FRIDAY FOR CAZ030-032-033.

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...VASQUEZ/INIGUEZ/MO  
AVIATION...VASQUEZ  
FIRE WEATHER...KUHLMAN



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FXUS66 KSGX 110455  
AFDSGX

AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
855 PM PST THU MAR 10 2016

.SYNOPSIS...  
A QUICK MOVING LOW PRESSURE TROUGH WILL PUSH ACROSS SW CA FRIDAY AFTERNOON THROUGH EARLY SATURDAY. THIS WILL CREATE LIGHT TO MODERATE SHOWERS OVER MOST OF THE REGION...SNOW TO THE HIGHER TERRAIN...AND A BRIEF PERIOD OF GUSTY SOUTHWESTERLY WINDS TO THE MOUNTAIN RIDGE TOPS AND DESERTS. COOLER WEATHER WILL CONTINUE OVER THE WEEKEND WITH LIGHT RAIN SHOWERS POSSIBLE SUNDAY NIGHT INTO EARLY TUESDAY. HIGH PRESSURE WILL CREATE DRY AND WARMER WEATHER BY MID NEXT WEEK.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE...  
SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

AT 8 PM PST...WATER VAPOR SATELLITE IMAGERY DISPLAYED AN UPPER-LEVEL RIDGE OVER NORTHERN BAJA...AND AN UPPER-LEVEL TROUGH AROUND 500 MILES WEST OF NORTHERN CA. FOG SATELLITE SHOWED A MIX OF HIGH CLOUDS AND COASTAL LOW CLOUDS ACROSS SW CA. LOWERING HEIGHTS AND STRONGER ONSHORE FLOW WILL HELP REDEVELOP LOW CLOUDS OVER THE COAST AND VALLEYS TONIGHT...AND DROP HIGH TEMPERATURES TO NEAR NORMAL FRIDAY.

THE AFOREMENTIONED TROUGH WILL SWING ACROSS SW CA LATE FRIDAY...CREATING BREEZY WINDS AND MODERATE PRECIPITATION OVER PORTIONS OF THE REGION. H850 WINDS AROUND 55 MPH WILL CREATE GUSTY SOUTHWESTERLY WINDS IN PORTIONS OF THE MOUNTAINS AND DESERTS FROM FRIDAY AFTERNOON TO LATE FRIDAY NIGHT. **STRONGEST GUSTS TO 60 MPH ARE EXPECTED NEAR MOUNTAIN RIDGES AND ALONG DESERT MOUNTAIN SLOPES.** A PLUME OF MOISTURE...WITH A PRECIPITABLE WATER OF AROUND 1.10 INCHES...MOVING ACROSS THE REGION WITH THE TROUGH WILL GENERATE LIGHT TO MODERATE PRECIPITATION ACROSS THE REGION. AN UNSTABLE ATMOSPHERE BEHIND THE FRONT WILL CREATE THE POSSIBILITY OF ISOLATED THUNDERSTORMS AFTER THE FRONT PASSES...MAINLY WEST OF THE MOUNTAINS. FLASH FLOODING IS NOT EXPECTED WITH THIS SYSTEM...HOWEVER URBAN AND SMALL STREAM FLOODING IS POSSIBLE WHERE HEAVIER SHOWERS DEVELOP.

...FORECAST STORM TOTAL PRECIP AMOUNTS FRI AFTN - SAT MORNING...  
LOW DESERTS....T TO 0.20 INCHES  
HIGH DESERTS...0.10 TO 0.20 INCHES  
COAST/VALLEYS...0.25 TO 0.50 INCHES  
MOUNTAINS.....0.50 TO 1.00 INCHES

...FORECAST STORM TOTAL SNOWFALL AMOUNTS FRI AFTN - SAT MORNING...  
5000 TO 6000 FT...T TO 2 INCHES  
6000 TO 7000 FT...2 TO 4 INCHES  
ABOVE 7000 FT....4 TO 6 INCHES

PRECIPITATION AND WINDS WILL DIMINISH SATURDAY MORNING.  
NORTHWESTERLY FLOW ALOFT WILL CONTINUE A DEEP MARINE LAYER AND HIGH TEMPERATURES 5 TO 10 DEG F BELOW SEASONAL NORMALS THROUGH THE WEEKEND.

A FEW UPPER-LEVEL TROUGHS MOVING BY TO OUR NORTH WILL CREATE THE POSSIBILITY OF ISOLATED LIGHT SHOWERS AT TIMES FROM LATE SUNDAY THROUGH EARLY TUESDAY. THIS WILL MAINTAIN A MODERATELY DEEP MARINE LAYER...ONSHORE FLOW AND NEAR NORMAL HIGH TEMPERATURES THROUGH THE PERIOD.

UPPER-LEVEL RIDGING WILL THEN BUILD ALONG THE WEST COAST WEDNESDAY THROUGH FRIDAY. THIS...AND SURFACE HIGH PRESSURE OVER THE GREAT BASIN...WILL HELP RAISE HIGH TEMPERATURES 5 TO 10 DEG F ABOVE NORMAL...PUSH THE MARINE LAYER OFFSHORE...AND CREATE BREEZY NORTHEASTERLY WINDS ALONG COASTAL MOUNTAIN SLOPES AND FOOTHILLS WEDNESDAY AND THURSDAY.

&&

.AVIATION...



March 11, 2016 Exceptional Event, Imperial County

Appendix A - Supplemental

110400...COAST/VALLEYS...TIL 09Z...LOW STRATUS/FOG GRADUALLY  
SPREADING ABOUT 5-15 SM INLAND WITH BASES 300-700 FT MSL...TOPS  
AROUND 1000 FT MSL...AREAS OF VIS 1-5 SM AND LOCAL VIS 1/4SM OR  
LESS. BY 16Z...LOW CLOUDS SPREADING AS MUCH AS 20-30 SM  
INLAND...WITH BASES RISING TO 800-1200 FT MSL AND TOPS RISING TO  
1500-2000 FT MSL. SMALL CHANCE THAT KONT COULD SEE BKN/OVC CIGS OR  
LOW VIS BY 14Z...BUT CONFIDENCE IS LOW. SLIGHT CHANCE OF TSRA AFTER  
12/0000Z. CONFIDENCE IS MODERATE.

MTNS/DESERTS...UNRESTRICTED VIS AND SCT CLOUDS AOA 20000 FT MSL  
INTO FRIDAY AFTERNOON.

&&

.MARINE...  
800 PM...NORTHWEST WINDS WILL INCREASE OVER THE SOUTHERN CALIFORNIA  
BIGHT FRIDAY EVENING INTO EARLY SATURDAY AS A COLD FRONT MOVES  
THROUGH THE REGION. DURING THIS PERIOD...SUSTAINED WINDS 10-20 KTS  
AND GUSTS TO 25 KTS WILL BE POSSIBLE. RAIN SHOWERS WILL BE LIKELY  
ALONG WITH POSSIBLY A FEW THUNDERSTORMS FRIDAY EVENING. ALSO...A  
WEST-NORTHWEST SWELL BETWEEN 8-11 FT AT 11-13 SEC WILL MOVE INTO THE  
COASTAL WATERS EARLY SATURDAY. IMPROVING CONDITIONS ARE EXPECTED ON  
SUNDAY.

&&

.BEACHES...  
800 PM...A WEST-NORTHWEST SWELL FROM 280 DEGREES WILL MOVE INTO THE  
CALIFORNIA BIGHT FRIDAY NIGHT THROUGH SATURDAY. THIS COULD PRODUCE  
ELEVATED SURF OF 4-6 FEET FOR THAT TIME PERIOD. A LONG-PERIOD  
NORTHWEST SWELL LOOKS TO ARRIVE NEXT MONDAY...BUT THE DIRECTION OF  
290 DEGREES WILL RESULT IN NOT AS MANY BEACHES BEING IMPACTED WITH  
HIGH SURF.

&&

.SKYWARN...  
SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE  
ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...  
CA...WINTER WEATHER ADVISORY FROM 1 PM FRIDAY TO 4 AM PST SATURDAY  
FOR RIVERSIDE COUNTY MOUNTAINS-SAN BERNARDINO COUNTY  
MOUNTAINS.

WIND ADVISORY FROM 4 PM FRIDAY TO 6 AM PST SATURDAY FOR APPLE  
AND LUCERNE VALLEYS-COACHELLA VALLEY-SAN DIEGO COUNTY  
DESERTS-SAN DIEGO COUNTY MOUNTAINS-SAN GORGONIO PASS NEAR  
BANNING.

PZ...SMALL CRAFT ADVISORY FROM 4 PM FRIDAY TO 10 AM PST SATURDAY FOR  
COASTAL WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER  
AND OUT TO 30 NM-WATERS FROM SAN MATEO POINT TO THE MEXICAN  
BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE  
ISLAND.

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PUBLIC...JJT  
AVIATION/MARINE/BEACHES...PG

National Weather Service Raw Text Product

Displaying AFOS PIL: **NPWPSR** Received: **2016-03-11 08:48 UTC**

⬅ Previous in Time

View All KPSR Products for 11 Mar 2016

Next in Time ➡

Latest ProductView As Image

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242  
WMUS75 KPSR 110848  
NPWPSR

URGENT - WEATHER MESSAGE  
NATIONAL WEATHER SERVICE PHOENIX AZ  
148 AM MST FRI MAR 11 2016

...STRONG WESTERLY WINDS THIS AFTERNOON AND EVENING FOR PORTIONS OF  
SOUTHEAST CALIFORNIA...

CAZ030-032-033-112300-  
/O.EXT.KPSR.WI.Y.0003.160311T2200Z-160312T0900Z/  
JOSHUA TREE NATIONAL PARK-RIVERSIDE COUNTY/EASTERN DESERTS-  
IMPERIAL COUNTY-  
INCLUDING THE CITIES OF...COTTONWOOD VISITOR CENTER...KEYS VIEW...  
LOST HORSE...CHIRIACO SUMMIT...DESERT CENTER...EAGLE MOUNTAIN...  
BRAWLEY...CALEXICO...EL CENTRO...GLAMIS...IMPERIAL...  
THE SALTON SEA  
1248 AM PST FRI MAR 11 2016

...WIND ADVISORY NOW IN EFFECT FROM 2 PM THIS AFTERNOON TO 1 AM  
PST SATURDAY...

\* AFFECTED AREA...SOUTHEAST CALIFORNIA...INCLUDING THE IMPERIAL  
VALLEY...INTERSTATE 8 EAST OF THE CALIFORNIA MOUNTAINS...AND  
INTERSTATE 10 FROM JUST WEST OF BLYTHE TO THE COACHELLA  
VALLEY.

\* TIMING...LATE FRIDAY AFTERNOON THROUGH FRIDAY EVENING.

\* WINDS...SUSTAINED WEST WINDS OF 20 TO 30 MPH WITH GUSTS OVER  
40 MPH.

\* VISIBILITIES...BLOWING DUST WILL ALSO REDUCE VISIBILITIES AT  
TIMES...POTENTIALLY TO BELOW ONE MILE...ESPECIALLY ACROSS  
IMPERIAL COUNTY IN SOUTHEAST CALIFORNIA IMPACTING TRAVEL ON  
INTERSTATE 8. REGIONAL AND LONG-RANGE VISIBILITIES...INCLUDING  
LOCATIONS ALONG AND JUST EAST OF THE COLORADO RIVER VALLEY...  
WILL BE DEGRADED DUE TO THE LOFTED DUST AND SAND.

\* IMPACTS...DIFFICULT TRAVEL CONDITIONS DUE TO STRONG CROSSWINDS  
ALONG NORTH-SOUTH ORIENTED ROADWAYS INCLUDING HIGHWAYS 78 AND  
86 IN SOUTHEAST CALIFORNIA.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN  
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND  
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY  
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT  
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER  
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA  
CAUTION.

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FXUS65 KPSR 110932  
AFDPSR

AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE PHOENIX AZ  
230 AM MST FRI MAR 11 2016

.SYNOPSIS...

A MOSTLY DRY AND WARM PATTERN WILL CONTINUE INTO NEXT WEEK...HOWEVER ONE LOW PRESSURE SYSTEM WILL PASS THROUGH NORTHERN ARIZONA FRIDAY NIGHT INTO SATURDAY PROVIDING SOMEWHAT COOLER UNSETTLED WEATHER. THE BIGGEST IMPACT FROM THIS DISTURBANCE WILL BE WINDY CONDITIONS ACROSS SOUTHEAST CALIFORNIA PRODUCING LOCAL BLOWING SAND AND DUST FRIDAY NIGHT. VERY PLEASANT WEATHER CONDITIONS WILL RETURN TO THE REGION DURING THE FIRST HALF OF NEXT WEEK.

&&

.DISCUSSION...

A COMPACT AND WELL DEFINED PV ANOMALY NEAR 32N 133W WAS RAPIDLY MOVING TOWARDS THE CNTRL/SRN CALIFORNIA COAST THIS MORNING IN CONJUNCTION WITH A ROBUST 140KT JET STREAK. DOWNSTREAM THROUGH THE SWRN CONUS...SHORTWAVE RIDGING WILL TEMPORARILY HOLD THROUGH THIS AFTERNOON WITH 00Z HEIGHTS AND TEMPERATURES ALOFT SAMPLED NEAR THE 90TH PERCENTILE. WHILE THIN CIRRUS WILL GENERALLY INCREASE AS HEIGHTS BEGIN TO FALL THROUGH SRN CALIFORNIA...EFFICIENTLY DEEP MECHANICAL MIXING AND THE UNSEASONABLY WARM ATMOSPHERIC COLUMN WILL PROVIDE ANOTHER DAY OF MUCH WARMER THAN NORMAL TEMPERATURES.

BEST PERFORMING GLOBAL MODELS AND CORRESPONDING HIGH RESOLUTION OUTPUT REMAINS QUITE CONSISTENT IN PROPAGATING THE MAIN VORTICITY CENTER AND COLD CORE FROM SRN CALIFORNIA THROUGH NORTHERN ARIZONA AND NEW MEXICO FRIDAY NIGHT AND SATURDAY. UNFORTUNATELY DESPITE A RATHER STEEP LOW LEVEL FRONT AND ATTENDANT FRONTOGENITICAL FORCING...DEEPER DYNAMICAL ASCENT AND BETTER QUALITY MOISTURE PROFILES REMAIN WELL NORTH OF THE FORECAST AREA. ASIDE FROM DECAYING SHOWERS SPILLING OVER THE COASTAL CALIFORNIA MOUNTAINS...THE ONLY LEGITIMATE HOPE FOR PRECIPITATION WILL BE THROUGH SRN GILA COUNTY WHERE THE FRONTAL BOUNDARY AND OROGRAPHIC INFLUENCE MAY BE CAPABLE OF SQUEEZING OUT A FEW VERY LIGHT SHOWERS (EMPHASIS ON VERY LIGHT).

OTHERWISE...THE PRIMARY WEATHER HAZARD WILL BE STRONG WINDS DEVELOPING IMMEDIATELY ALONG AND BEHIND THE FRONTAL BOUNDARY THROUGH SOUTHEAST CALIFORNIA IN A REGION OF DEEPENING CAA AND TIGHTENING PRESSURE GRADIENT LATER TODAY. MODEL FORECAST SOUNDING DATA HAS WAVERED VERY LITTLE IN RECENT ITERATIONS...STILL SUGGESTING STRONG DOWNWARD POST FRONTAL MOMENTUM TRANSFER ACTING AS A TRAPPED DENSITY CURRENT IN THE LEE OF THE SAN DIEGO AND RIVERSIDE COUNTY HIGHER TERRAIN. A WELL MIXED BOUNDARY LAYER WILL BE MAINTAINED INTO THE EVENING HOURS TAPPING A 40+KT LLJ STREAMING TOWARDS THE SFC FROM A 2500FT LEVEL. MOST RECENT MODEL OUTPUT NOW SUGGESTS ONSET OF THIS PHENOMENA POSSIBLY DELAYED A BIT...BUT ALSO PUSHED LATER INTO THE EVENING AND HAVE CORRESPONDINGLY EXTENDED THE ADVISORY TIMING BACK A FEW HOURS.

THIS SHORTWAVE WILL QUICKLY EXIT INTO THE SOUTHERN PLAINS BY SUNDAY MORNING LEAVING THE FORECAST AREA UNDER DRY ZONAL FLOW FOR AT LEAST THE FIRST HALF OF NEXT WEEK. H5 HEIGHTS WILL REMAIN VERY STEADY IN A 570-576DM RANGE WITH BOUNDARY LAYER THERMAL PROFILES GRADUALLY WARMING. THE UPPER JET CORE WILL REMAIN SITUATED ACROSS THE GREAT BASIN PLACING THE CWA WITHIN A GOOD SUBSIDENT WARMING REGIME PROMOTING DEEP MIXING AND TEMPERATURES 5-10F ABOVE NORMAL. MODEL SPREAD HAS BEEN NARROWING IN THE PAST COUPLE RUNS...AND HAVE GENERALLY PUSHED FORECAST TEMPERATURES TOWARDS THE 50TH-75TH PERCENTILE OF THE MODEL SPECTRUM.

LATEST MEDIUM RANGE OPERATIONAL MODELS ARE DISPLAYING LESS SPREAD FOR LATER IN THE WEEK PLACING PRIMARY NEGATIVE HEIGHT ANOMALIES OVER THE NORTHERN PLAINS/UPPER MIDWEST/GREAT LAKES WITH UPSTREAM HIGH AMPLITUDE RIDGING ALONG THE NORTHERN AMERICAN WEST COAST. HOWEVER...NAEFS ENSEMBLE MEMBERS STILL EXHIBIT NOTABLE SPREAD WITH SEVERAL MEMBERS STILL RETROGRADING ENERGY TOWARDS THE SOUTHWEST IN THE FORM OF AN OMEGA TYPE BLOCKING PATTERN. GIVEN THE TREND IN OPERATIONAL MEMBERS AND FEWER ENSEMBLES SUPPORTING LOWER HEIGHTS OVER THE FORECAST AREA...WITH MODERATE CONFIDENCE HAVE TRENDED THE FORECAST TOWARDS THE WARMER AND DRIER OUTCOME FOR THE LATTER HALF OF THE WEEK.

**March 11, 2016 Exceptional Event, Imperial County****Appendix A - Supplemental**

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.AVIATION...  
SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...  
A HIGH PRESSURE SYSTEM WILL CONTINUE OVER THE REGION...BUT WEAKEN  
LATE FRIDAY MORNING AS A STRONG BUT DRY COLD FRONT APPROACHES.  
THROUGH 20Z FRI...VARIABLE HIGH CLOUDS AOA 25 THSD MSL. LIGHT SOUTH  
TO SOUTHEAST WIND UNDER 9 KNOTS. AS THE COLD FRONT APPROACHES FRIDAY  
AFTERNOON...FROM 20Z FRI THROUGH 03Z SAT...INCREASING SOUTHWEST  
WIND 15 TO 25 KNOTS. WIND PEAKS BTWN 00Z SAT - 03Z SAT.

SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...  
A HIGH PRESSURE SYSTEM WILL CONTINUE OVER THE REGION...BUT WEAKEN  
LATE FRIDAY MORNING AS A STRONG BUT DRY COLD FRONT APPROACHES.  
THROUGH 20Z FRI...VARIABLE HIGH CLOUDS AOA 25 THSD MSL. LIGHT SOUTH  
TO SOUTHEAST WIND UNDER 9 KNOTS. AS THE COLD FRONT APPROACHES FRIDAY  
AFTERNOON...FROM 20Z FRI THROUGH 03Z SAT...INCREASING SOUTHWEST  
WIND 25 TO 55 KNOTS. WIND PEAKS BTWN 00Z SAT - 03Z SAT.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

&amp;&amp;

.FIRE WEATHER...  
SATURDAY THROUGH WEDNESDAY...  
LOW PRESSURE WILL BE EXITING THE REGION EARLY SATURDAY WITH  
DIMINISHING WINDS AND COOLER/LESS DRY CONDITIONS. MOST OF THE DESERT  
WILL SEE MINIMUM RH VALUES BETWEEN 15 AND 20 PERCENT SATURDAY WITH  
VALUES AT OR ABOVE 30 PERCENT OVER THE HIGHER TERRAIN OF JOSHUA TREE  
NATIONAL PARK AND SOUTHERN GILA COUNTY. LOCALLY BREEZY WEST WINDS ARE  
ALSO EXPECTED...ESPECIALLY OVER HIGHER TERRAIN AREAS EAST OF PHOENIX.  
FOR SUNDAY INTO THE MIDDLE OF NEXT WEEK...A RELATIVELY DRY WEST FLOW  
ALOFT WILL OVERSPREAD THE AREA ALLOWING FOR ONLY VERY SUBTLE WARMING  
AREA WIDE. MINIMUM HUMIDITY LEVELS WILL HOVER IN A 15 TO 30 PERCENT  
RANGE ACROSS THE DESERTS THROUGH THE PERIOD. LOCALLY BREEZY DAYTIME  
CONDITIONS WILL OCCUR EACH DAY SUNDAY THROUGH TUESDAY WITH WINDS  
FAVORING THE WEST EACH AFTERNOON. A STRONGER NORTHERLY WIND FLOW IS  
LIKELY DOWN THE LOWER COLORADO RIVER VALLEY ON WEDNESDAY.

&amp;&amp;

.SPOTTER INFORMATION STATEMENT...  
SPOTTERS ARE ENCOURAGED TO REPORT BASED ON STANDARD OPERATING  
PROCEDURES.

&amp;&amp;

.PSR WATCHES/WARNINGS/ADVISORIES...  
AZ...NONE.  
CA...WIND ADVISORY FROM 2 PM THIS AFTERNOON TO 1 AM PST SATURDAY FOR  
CAZ030-032-033.

&amp;&amp;

\$\$

VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...MO  
AVIATION...VASQUEZ  
FIRE WEATHER...KUHLMAN

718  
 WWUS76 KSGX 111222  
 NPWSGX

URGENT - WEATHER MESSAGE  
 NATIONAL WEATHER SERVICE SAN DIEGO CA  
 422 AM PST FRI MAR 11 2016

...GUSTY WINDS ACROSS MUCH OF SOCAL FROM LATE THIS AFTERNOON  
 THROUGH EARLY SATURDAY MORNING...

.A FAST-MOVING COLD FRONT AND VIGOROUS UPPER-LEVEL LOW PRESSURE  
 SYSTEM WILL BRING GUSTY SOUTHWEST TO WESTERLY WINDS ACROSS  
 PORTIONS OF THE REGION. GUSTS OF 30 TO 40 MPH WILL BE LIKELY FOR  
 PORTIONS OF THE COAST AND VALLEYS. GUSTS OF 50 TO 60 MPH WILL BE  
 LIKELY FOR THE MOUNTAINS AND DESERT SLOPES. CONDITIONS WILL  
 IMPROVE BY LATE SATURDAY MORNING.

CAZ043-048-050-057-552-554-112200-  
 /O.EXB.KSGX.WI.Y.0015.160312T0000Z-160312T1200Z/  
 SAN DIEGO COUNTY COASTAL AREAS-  
 SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-  
 SAN DIEGO COUNTY VALLEYS-SANTA ANA MOUNTAINS AND FOOTHILLS-  
 ORANGE COUNTY COASTAL AREAS-ORANGE COUNTY INLAND AREAS-  
 422 AM PST FRI MAR 11 2016

...WIND ADVISORY IN EFFECT FROM 4 PM THIS AFTERNOON TO 4 AM PST  
 SATURDAY...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A WIND  
 ADVISORY...WHICH IS IN EFFECT FROM 4 PM THIS AFTERNOON TO 4 AM  
 PST SATURDAY.

- \* WINDS...SOUTHWEST 15 TO 25 MPH WITH GUSTS TO 35 MPH THIS  
 AFTERNOON...BECOMING WEST THIS EVENING WITH GUSTS UP TO 40 MPH.
- \* TIMING...STRONGEST WINDS WILL BE LATE AFTERNOON THROUGH MID  
 EVENING...ROUGHLY BETWEEN 5 PM TO 10 PM. WINDS DIMINISHING SATURDAY  
 MORNING.
- \* LOCATION...STRONGEST WIND GUSTS AT THE IMMEDIATE COAST AND ALONG  
 THE COASTAL SLOPES AND FOOTHILLS.
- \* IMPACTS...THE WINDS WILL MAKE DRIVING DIFFICULT...ESPECIALLY FOR  
 MOTORISTS WITH HIGH PROFILE VEHICLES. WATCH FOR DOWNED BRANCHES  
 AND PALM FRONDS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS  
 THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH  
 PROFILE VEHICLES. USE EXTRA CAUTION.

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CAZ058-060-062-065-112200-  
 /O.CON.KSGX.WI.Y.0015.160312T0000Z-160312T1400Z/  
 SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-  
 COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-  
 SAN GORGONIO PASS NEAR BANNING-  
 422 AM PST FRI MAR 11 2016

...WIND ADVISORY REMAINS IN EFFECT FROM 4 PM THIS AFTERNOON TO  
 6 AM PST SATURDAY...

- \* WINDS...SOUTHWEST 25 TO 35 MPH WITH GUSTS UP TO 60 MPH THIS  
 AFTERNOON...BECOMING WESTERLY OVERNIGHT.
- \* TIMING...STRONGEST WINDS LATE THIS AFTERNOON THROUGH MID  
 EVENING. WINDS DIMINISHING SATURDAY MORNING.
- \* LOCATION...STRONGEST WINDS NEAR MOUNTAIN RIDGETOPS...ALONG  
 DESERT MOUNTAIN SLOPES...INTO ADJACENT DESERT AREAS.
- \* VISIBILITY...BLOWING DUST AND SAND IN THE DESERTS COULD BRIEFLY  
 REDUCE VISIBILITY TO BELOW ONE MILE.

\* IMPACTS...THE WINDS WILL MAKE DRIVING DIFFICULT...ESPECIALLY FOR  
MOTORISTS WITH HIGH PROFILE VEHICLES. WATCH FOR BROKEN TREE  
LIMBS. IN THE DESERTS...AREAS OF BLOWING DUST AND SAND WILL  
CAUSE DIFFICULT DRIVING DUE TO REDUCED VISIBILITY.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 45 MPH OR HIGHER ARE  
EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING  
DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA  
CAUTION.

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WEATHER.GOV/SANDIEGO

133  
 WWUS76 KSGX 111222  
 NPWSGX

URGENT - WEATHER MESSAGE  
 NATIONAL WEATHER SERVICE SAN DIEGO CA  
 422 AM PST FRI MAR 11 2016

...GUSTY WINDS ACROSS MUCH OF SOCAL FROM LATE THIS AFTERNOON  
 THROUGH EARLY SATURDAY MORNING...

.A FAST-MOVING COLD FROM AND VIGOROUS UPPER-LEVEL LOW PRESSURE  
 SYSTEM WILL BRING GUSTY SOUTHWEST TO WESTERLY WINDS ACROSS  
 PORTIONS OF THE REGION. GUSTS OF 30 TO 40 MPH WILL BE LIKELY FOR  
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CAZ043-048-050-057-552-554-112200-  
 /O.EXB.KSGX.WI.Y.0015.160312T0000Z-160312T1200Z/  
 SAN DIEGO COUNTY COASTAL AREAS-  
 SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-  
 SAN DIEGO COUNTY VALLEYS-SANTA ANA MOUNTAINS AND FOOTHILLS-  
 ORANGE COUNTY COASTAL AREAS-ORANGE COUNTY INLAND AREAS-  
 422 AM PST FRI MAR 11 2016

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 MOTORISTS WITH HIGH PROFILE VEHICLES. WATCH FOR DOWNED BRANCHES  
 AND PALM FRONDS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS  
 THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH  
 PROFILE VEHICLES. USE EXTRA CAUTION.

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CAZ058-060>062-065-112200-  
 /O.CON.KSGX.WI.Y.0015.160312T0000Z-160312T1400Z/  
 SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-  
 COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-  
 SAN GORGONIO PASS NEAR BANNING-  
 422 AM PST FRI MAR 11 2016

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CAUSE DIFFICULT DRIVING DUE TO REDUCED VISIBILITY.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 45 MPH OR HIGHER ARE  
EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING  
DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA  
CAUTION.

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WEATHER.GOV/SANDIEGO



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WMUS76 KSGX 111222  
NPWSGX

URGENT - WEATHER MESSAGE  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
422 AM PST FRI MAR 11 2016

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CAZ043-048-050-057-552-554-112200-  
/O.EXB.KSGX.WI.Y.0015.160312T0000Z-160312T1200Z/  
SAN DIEGO COUNTY COASTAL AREAS-  
SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-  
SAN DIEGO COUNTY VALLEYS-SANTA ANA MOUNTAINS AND FOOTHILLS-  
ORANGE COUNTY COASTAL AREAS-ORANGE COUNTY INLAND AREAS-  
422 AM PST FRI MAR 11 2016

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SATURDAY...

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- \* IMPACTS...THE WINDS WILL MAKE DRIVING DIFFICULT...ESPECIALLY FOR  
MOTORISTS WITH HIGH PROFILE VEHICLES. WATCH FOR DOWNED BRANCHES  
AND PALM FRONDS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS  
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH  
PROFILE VEHICLES. USE EXTRA CAUTION.

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CAZ058-060>062-065-112200-  
/O.CON.KSGX.WI.Y.0015.160312T0000Z-160312T1400Z/  
SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-  
COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-  
SAN GORGONIO PASS NEAR BANNING-  
422 AM PST FRI MAR 11 2016

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- \* LOCATION...STRONGEST WINDS NEAR MOUNTAIN RIDGETOPS...ALONG  
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- \* VISIBILITY...BLOWING DUST AND SAND IN THE DESERTS COULD BRIEFLY  
REDUCE VISIBILITY TO BELOW ONE MILE.

March 11, 2016 Exceptional Event, Imperial County

Appendix A - Supplemental

\* IMPACTS...THE WINDS WILL MAKE DRIVING DIFFICULT...ESPECIALLY FOR MOTORISTS WITH HIGH PROFILE VEHICLES. WATCH FOR BROKEN TREE LIMBS. IN THE DESERTS...AREAS OF BLOWING DUST AND SAND WILL CAUSE DIFFICULT DRIVING DUE TO REDUCED VISIBILITY.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 45 MPH OR HIGHER ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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JMB

WEATHER.GOV/SANDIEGO

Enter search term

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247  
WMUS76 KSGX 112135  
NPWSGX

URGENT - WEATHER MESSAGE  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
135 PM PST FRI MAR 11 2016

...GUSTY WINDS ACROSS MUCH OF SOCAL FROM LATE THIS AFTERNOON  
THROUGH EARLY SATURDAY MORNING...

.A FAST-MOVING COLD FRONT AND VIGOROUS UPPER-LEVEL LOW PRESSURE  
SYSTEM WILL BRING STRONG AND GUSTY SOUTHWEST TO WESTERLY WINDS  
ACROSS PORTIONS OF THE REGION. STRONGEST WINDS WILL OCCUR TONIGHT  
INTO EARLY SATURDAY MORNING ACROSS THE DESERT SLOPES...THROUGH AND  
BELOW THE SAN GORGONIO PASS...AND INTO ADJACENT DESERT AREAS.  
CONDITIONS WILL IMPROVE BY LATE SATURDAY MORNING.

CAZ058-062-065-120600-  
/O.UPG.KSGX.WI.Y.0015.160312T0000Z-160312T1400Z/  
/O.NEW.KSGX.HW.W.0004.160312T0000Z-160312T1600Z/  
SAN DIEGO COUNTY MOUNTAINS-SAN DIEGO COUNTY DESERTS-  
SAN GORGONIO PASS NEAR BANNING-  
135 PM PST FRI MAR 11 2016

...HIGH WIND WARNING IN EFFECT UNTIL 8 AM PST SATURDAY...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A HIGH WIND  
WARNING...WHICH IS IN EFFECT UNTIL 8 AM PST SATURDAY. THE WIND  
ADVISORY IS NO LONGER IN EFFECT.

\* WINDS...SOUTHWEST 20 TO 30 MPH WITH GUSTS TO 60 MPH THIS  
AFTERNOON...BECOMING WEST 25 TO 40 MPH WITH GUSTS TO 60 MPH AND ISOLATED  
GUSTS TO 75 MPH LATE THIS EVENING THROUGH EARLY SATURDAY  
MORNING.

\* TIMING...WINDS STRENGTHENING THIS AFTERNOON AND EARLY  
EVENING...THEN PEAKING IN STRENGTH LATE THIS EVENING THROUGH  
EARLY SATURDAY MORNING. WINDS DIMINISHING LATER SATURDAY  
MORNING.

\* LOCATION...THROUGH AND BELOW THE SAN GORGONIO PASS...NEAR  
MOUNTAIN RIDGETOPS...ALONG DESERT MOUNTAIN SLOPES...AND INTO  
ADJACENT DESERT AREAS.

\* VISIBILITY...BLOWING DUST AND SAND COULD BRIEFLY REDUCE  
VISIBILITY TO BELOW ONE MILE...WITH LOCALIZED BLOWING SNOW IN  
THE SAN DIEGO COUNTY MOUNTAINS ABOVE 5000 FEET.

\* IMPACTS...STRUCTURAL DAMAGE AND DOWNED TREES POSSIBLE. THE WINDS  
WILL MAKE DRIVING DIFFICULT...ESPECIALLY FOR MOTORISTS WITH HIGH  
PROFILE VEHICLES. IN THE DESERTS...AREAS OF BLOWING DUST AND  
SAND WILL CAUSE DIFFICULT DRIVING DUE TO REDUCED VISIBILITY.  
INTERSTATES 8 AND 10 AND BORREGO SPRINGS LIKELY IMPACTED. LIGHT  
SNOWFALL OF AN INCH OR TWO ABOVE 5000 FEET COULD RESULT IN  
BLOWING SNOW RESULTING IN REDUCED VISIBILITY.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A HIGH WIND WARNING MEANS A HAZARDOUS HIGH WIND EVENT IS EXPECTED  
OR OCCURRING. SUSTAINED WIND SPEEDS OF AT LEAST 40 MPH OR GUSTS  
OF 58 MPH OR MORE CAN LEAD TO PROPERTY DAMAGE.

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CAZ060-061-120600-  
/O.CON.KSGX.WI.Y.0015.160312T0000Z-160312T1400Z/  
APPLE AND LUCERNE VALLEYS-COACHELLA VALLEY-  
135 PM PST FRI MAR 11 2016

...WIND ADVISORY REMAINS IN EFFECT UNTIL 6 AM PST SATURDAY...

\* WINDS...SOUTHWEST 20 TO 30 MPH WITH GUSTS UP TO 50 MPH THIS  
AFTERNOON...BECOMING WESTERLY OVERNIGHT.

\* TIMING...STRONGEST WINDS LATE THIS AFTERNOON THROUGH MID  
EVENING. WINDS DIMINISHING SATURDAY MORNING.

March 11, 2016 Exceptional Event, Imperial County

Appendix A - Supplemental

- \* LOCATION...HIGH DESERTS AND LOWER COACHELLA VALLEY.
- \* VISIBILITY...BLOWING DUST AND SAND COULD BRIEFLY REDUCE VISIBILITY TO BELOW ONE MILE.
- \* IMPACTS...THE WINDS WILL MAKE DRIVING DIFFICULT...ESPECIALLY FOR MOTORISTS WITH HIGH PROFILE VEHICLES. WATCH FOR BROKEN TREE LIMBS. AREAS OF BLOWING DUST AND SAND WILL CAUSE DIFFICULT DRIVING DUE TO REDUCED VISIBILITY.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 45 MPH OR HIGHER ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT... ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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CAZ043-048-050-057-552-554-120600-  
/O.CON.KSGX.WI.Y.0015.160312T0000Z-160312T1200Z/  
SAN DIEGO COUNTY COASTAL AREAS-  
SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-  
SAN DIEGO COUNTY VALLEYS-SANTA ANA MOUNTAINS AND FOOTHILLS-  
ORANGE COUNTY COASTAL AREAS-ORANGE COUNTY INLAND AREAS-  
135 PM PST FRI MAR 11 2016

...WIND ADVISORY REMAINS IN EFFECT UNTIL 4 AM PST SATURDAY...

- \* WINDS...SOUTHWEST 15 TO 25 MPH WITH GUSTS TO 35 MPH LATE THIS AFTERNOON...BECOMING WEST THIS EVENING WITH GUSTS UP TO 40 MPH.
- \* TIMING...STRONGEST WINDS WILL BE LATE AFTERNOON THROUGH MID EVENING. WINDS DIMINISHING AFTER MIDNIGHT.
- \* LOCATION...STRONGEST WIND GUSTS AT THE IMMEDIATE COAST AND ALONG THE COASTAL SLOPES AND FOOTHILLS.
- \* IMPACTS...THE WINDS WILL MAKE DRIVING DIFFICULT...ESPECIALLY FOR MOTORISTS WITH HIGH PROFILE VEHICLES. WATCH FOR DOWNED BRANCHES AND PALM FRONDS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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HARRISON

Enter search term

639  
FXUS65 KPSR 112127  
AFDPSR

AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE PHOENIX AZ  
227 PM MST FRI MAR 11 2016

.SYNOPSIS...  
MOSTLY DRY AND WARM CONDITIONS WILL CONTINUE INTO NEXT WEEK...HOWEVER  
ONE LOW PRESSURE SYSTEM WILL PASS THROUGH NORTHERN ARIZONA TONIGHT  
AND SATURDAY PROVIDING SOMEWHAT COOLER UNSETTLED WEATHER. THE  
BIGGEST IMPACT FROM THIS DISTURBANCE WILL BE WINDY CONDITIONS ACROSS  
SOUTHEAST CALIFORNIA PRODUCING LOCAL BLOWING SAND AND DUST TONIGHT.  
VERY PLEASANT WEATHER CONDITIONS WILL RETURN TO THE REGION DURING THE  
FIRST HALF OF NEXT WEEK.

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.DISCUSSION...  
CLOUD COVER HAS FILLED IN ACROSS THE REGION DURING THE DAY...FIRST  
INTRUDING AT THE HIGHER LEVELS AND SLOWLY FILLING DOWN INTO THE  
LOWER ATMO LAYERS. CEILINGS (BKN TO OVC CONDITIONS) NOT QUITE  
OBSERVED YET BELOW 20KFT AROUND THE AREA. CLOUD COVERAGE IS BECOMING  
THICK AND LOW ENOUGH TO BE SAMPLED BY RADARS AROUND AZ...HOWEVER NO  
ACTUAL SHOWER ECHOES HAVE DEVELOPED OVER THE STATE. RAIN BANDS ARE  
STREAMING THROUGH THE L.A. BASIN WITH MARINE-LAYER ENHANCED STRATUS  
BANKING UP OVER THE PENINSULAR RANGES WHERE THE BEST CHANCES FOR  
RAINFALL RESIDE TODAY. MAIN UPPER PV ANOMALY/LOW CIRC IS GENERALLY  
WEST OF THE BAY AREA AND WILL QUICKLY DROP INTO CENTRAL/SOCAL TONIGHT  
AND MOVE ACROSS NORTHERN AZ SATURDAY.

BEFORE THE CIRC CENTER AND ASSOCIATED COLD FRONT MOVE IN...STRONG  
PRE-FRONTAL AND GRADIENT LL JET WINDS WILL DEVELOP INTO THE AREA. A  
WIND ADVISORY IS OUT FOR THE SOUTHEAST CA DESERTS...WHERE GUSTS OF AT  
LEAST 40 MPH ARE POSSIBLE. WINDS WON'T BE QUITE AS STRONG ACROSS  
SOUTH-CENTRAL AZ WITH GUSTS OF 20-25 MPH. TEMPERATURE FORECAST FOR  
TODAY WAS A BIT MORE CHALLENGING THAN EARLIER THOUGHT...WITH THE  
CLOUD SHIELD INHIBITING SOLAR HEATING BUT MUCH WARMER BL/ML  
TEMPERATURES COMPARED TO THIS TIME YESTERDAY...PER ACARS/MDCRS  
SOUNDINGS. NUGGED HIGH TEMPS DOWN TWO TO THREE DEGREES FROM THE  
EARLIER FORECAST AS A RESULT.

850-500MB THETA-E PACKING/FRONTAL ANALYSIS TRACKS THE COLD FRONT  
INTO SOUTHEAST CA AROUND 12/04Z...AT THE CO RIVER VALLEY APPROX  
12/06Z AND INTO SOUTH-CENTRAL AZ AROUND 12/09Z...PERSISTING WESTERLY  
WIND AND CONTINUED MOMENTUM TRANSFER OVERNIGHT. UNFORTUNATELY  
DESPITE THE STEEP LOW LEVEL FRONT AND FORCING...DEEPER DYNAMICAL  
ASCENT AND BETTER QUALITY MOISTURE PROFILES REMAIN WELL NORTH OF THE  
FORECAST AREA. ASIDE FROM DECAYING SHOWERS SPILLING OVER THE COASTAL  
CALIFORNIA MOUNTAINS...THE ONLY LEGITIMATE HOPE FOR PRECIPITATION  
WILL BE THROUGH SRN GILA COUNTY WHERE THE FRONTAL BOUNDARY AND  
OROGRAPHIC INFLUENCE MAY BE CAPABLE OF SQUEEZING OUT A FEW VERY LIGHT  
SHOWERS (EMPHASIS ON VERY LIGHT).

THIS SHORTWAVE WILL QUICKLY EXIT INTO THE SOUTHERN PLAINS BY SUNDAY  
MORNING LEAVING THE FORECAST AREA UNDER DRY ZONAL FLOW FOR AT LEAST  
THE FIRST HALF OF NEXT WEEK. H5 HEIGHTS WILL REMAIN VERY STEADY IN A  
570-576DM RANGE WITH BOUNDARY LAYER THERMAL PROFILES GRADUALLY  
WARMING. THE UPPER JET CORE WILL REMAIN SITUATED ACROSS THE  
GREAT BASIN PLACING THE CWA WITHIN A GOOD SUBSIDENT WARMING REGIME  
PROMOTING DEEP MIXING AND TEMPERATURES 5-10F ABOVE NORMAL. MODEL  
SPREAD HAS BEEN NARROWING IN THE PAST COUPLE RUNS...AND HAVE  
GENERALLY PUSHED FORECAST TEMPERATURES TOWARDS THE 50TH-75TH  
PERCENTILE OF THE MODEL SPECTRUM.

LATEST MEDIUM RANGE OPERATIONAL MODELS ARE DISPLAYING LESS SPREAD  
FOR LATER IN THE WEEK PLACING PRIMARY NEGATIVE HEIGHT ANOMALIES OVER  
THE NORTHERN PLAINS/UPPER MIDWEST/GREAT LAKES WITH UPSTREAM HIGH  
AMPLITUDE RIDGING ALONG THE NORTHERN AMERICAN WEST COAST.  
HOWEVER...NAEFS ENSEMBLE MEMBERS STILL EXHIBIT NOTABLE SPREAD WITH  
SEVERAL MEMBERS STILL RETROGRADING ENERGY TOWARDS THE SOUTHWEST IN  
THE FORM OF AN OMEGA TYPE BLOCKING PATTERN. GIVEN THE TREND IN  
OPERATIONAL MEMBERS AND FEWER ENSEMBLES SUPPORTING LOWER HEIGHTS  
OVER THE FORECAST AREA...WITH MODERATE CONFIDENCE HAVE TRENDED THE  
FORECAST TOWARDS THE WARMER AND DRIER OUTCOME FOR THE LATTER HALF OF  
THE WEEK.

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March 11, 2016 Exceptional Event, Imperial County

Appendix A - Supplemental

.AVIATION...  
SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...  
HIGH CLOUDS TO INCREASE THIS MORNING AS A FAST MOVING WEATHER SYSTEM  
APPROACHES FROM THE WEST. EASTERLY WINDS THIS MORNING WILL GRADUALLY  
SHIFT AROUND TO A SOUTHWESTERLY DIRECTION EARLY THIS AFTERNOON WHILE  
WINDS ALSO INCREASE. AS A COLD FRONT BEGINS TO AFFECT THE AREA LATE  
THIS AFTERNOON SOUTHWEST WIND GUSTS OF OF 15 TO 25 KNOTS ARE  
EXPECTED...PEAKING BETWEEN 00Z SAT - 03Z SAT. WINDS WILL REMAIN  
ELEVATED THROUGH TONIGHT AND SHOULD REMAIN OUT OF THE WEST FOR THE  
ENTIRE NIGHT.

SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...  
A STRONG BUT DRY COLD FRONT WILL AFFECT THE AREA TODAY WITH BKN HIGH  
CLOUDS THROUGH THE AFTERNOON HOURS. AS THE COLD FRONT APPROACHES  
THIS AFTERNOON...SOUTHWEST WINDS INCREASE TO 25 TO 35 KNOTS. PATCHY  
BLOWING DUST MAY AFFECT TERMINALS LATE THIS AFTERNOON AND EVENING  
POTENTIALLY LOWERING VISIBILITIES AT TIMES. WINDS WILL REMAIN  
ELEVATED THROUGH THE OVERNIGHT HOURS AND OCCASIONALLY GUSTY.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER...  
SUNDAY THROUGH THURSDAY...  
A RELATIVELY DRY WEST FLOW ALOFT WILL OVERSPREAD THE AREA ALLOWING  
FOR ONLY VERY SUBTLE WARMING AREA WIDE. MINIMUM HUMIDITY LEVELS WILL  
HOVER IN A 15 TO 30 PERCENT RANGE THROUGH MONDAY AND THEN GRADUALLY  
LOWER THROUGH THE MIDDLE OF THE WEEK...BOTTOMING OUT IN THE SINGLE  
DIGITS FOR WEDNESDAY AND THURSDAY AFTERNOONS. LOCALLY BREEZY DAYTIME  
CONDITIONS WILL OCCUR EACH DAY WITH WINDS FAVORING WEST NORTHWEST.

&&

.SPOTTER INFORMATION STATEMENT...  
SPOTTERS ARE ENCOURAGED TO REPORT BASED ON STANDARD OPERATING  
PROCEDURES.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...  
AZ...NONE.  
CA...WIND ADVISORY UNTIL 1 AM PST SATURDAY FOR CAZ030-032-033.

&&

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...NOLTE/MO  
AVIATION...KUHLMAN  
FIRE WEATHER...KUHLMAN

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NPWPSR

URGENT - WEATHER MESSAGE  
NATIONAL WEATHER SERVICE PHOENIX AZ  
301 PM MST FRI MAR 11 2016

...STRONG WESTERLY WINDS THIS AFTERNOON AND EVENING FOR PORTIONS  
OF SOUTHEAST CALIFORNIA...

CAZ030-032-033-120900-  
/O.CON.KPSR.WI.Y.0003.000000T0000Z-160312T0900Z/  
JOSHUA TREE NATIONAL PARK-RIVERSIDE COUNTY/EASTERN DESERTS-  
IMPERIAL COUNTY-  
INCLUDING THE CITIES OF...COTTONWOOD VISITOR CENTER...KEYS VIEW...  
LOST HORSE...CHIRIACO SUMMIT...DESERT CENTER...EAGLE MOUNTAIN...  
BRAWLEY...CALEXICO...EL CENTRO...GLAMIS...IMPERIAL...  
THE SALTON SEA  
201 PM PST FRI MAR 11 2016

...WIND ADVISORY REMAINS IN EFFECT UNTIL 1 AM PST SATURDAY...

\* AFFECTED AREA...SOUTHEAST CALIFORNIA...INCLUDING THE IMPERIAL  
VALLEY...INTERSTATE 8 EAST OF THE CALIFORNIA MOUNTAINS...AND  
INTERSTATE 10 FROM JUST WEST OF BLYTHE TO THE COACHELLA  
VALLEY.

\* TIMING...LATE FRIDAY AFTERNOON THROUGH FRIDAY EVENING.

\* WINDS...SUSTAINED WEST WINDS OF 20 TO 30 MPH WITH GUSTS OVER  
40 MPH.

\* VISIBILITIES...BLOWING DUST WILL ALSO REDUCE VISIBILITIES AT  
TIMES...POTENTIALLY TO BELOW ONE MILE...ESPECIALLY ACROSS  
IMPERIAL COUNTY IN SOUTHEAST CALIFORNIA IMPACTING TRAVEL ON  
INTERSTATE 8. REGIONAL AND LONG-RANGE VISIBILITIES...INCLUDING  
LOCATIONS ALONG AND JUST EAST OF THE COLORADO RIVER VALLEY...  
WILL BE DEGRADED DUE TO THE LOFTED DUST AND SAND.

\* IMPACTS...DIFFICULT TRAVEL CONDITIONS DUE TO STRONG CROSSWINDS  
ALONG NORTH-SOUTH ORIENTED ROADWAYS INCLUDING HIGHWAYS 78 AND  
86 IN SOUTHEAST CALIFORNIA.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN  
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND  
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY  
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT  
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER  
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA  
CAUTION.

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984  
WWUS86 KSGX 112331  
SPSSGX

SPECIAL WEATHER STATEMENT  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
331 PM PST FRI MAR 11 2016

CAZ043-050-058-120045-  
SAN DIEGO COUNTY INLAND VALLEYS CA-SAN DIEGO COUNTY COASTAL AREAS CA-  
SAN DIEGO COUNTY MOUNTAINS-  
INCLUDING THE PALOMAR AND DESCANSO RANGER DISTRICTS OF THE CLEVELAND  
NATIONAL FOREST CA-  
331 PM PST FRI MAR 11 2016

...SIGNIFICANT WEATHER ADVISORY FOR CENTRAL SAN DIEGO COUNTY UNTIL  
445 PM PST...

AT 329 PM PST...DOPPLER RADAR WAS TRACKING A LINE OF HEAVY RAIN AND  
STRONG WINDS APPROACHING THE COAST OF SAN DIEGO COUNTY. EXPECT HEAVY  
RAIN AND STRONG WINDS FOR THE COASTAL AREAS AND VALLEYS THROUGH 445  
PM.

WIND GUSTS UP TO 50 MPH WILL BE POSSIBLE WITH THIS LINE OF RAIN.

LOCATIONS IMPACTED INCLUDE...  
CHULA VISTA...OCEANSIDE...CARLSBAD...EL CAJON...VISTA...ENCINITAS...  
NATIONAL CITY...LA MESA...POWAY...IMPERIAL BEACH...RAMONA...  
CORONADO...DEL MAR...ALPINE...HILLCREST...UNIVERSITY CITY...VALLEY  
CENTER...POINT LOMA...NORTH PARK AND LINDA VISTA.

LAT...LON 3261 11713 3260 11710 3269 11714 3270 11715  
3263 11714 3269 11723 3272 11721 3270 11716  
3272 11717 3273 11722 3267 11724 3268 11725  
3297 11726 3324 11743 3341 11688 3259 11650  
3254 11712  
TIME...MOT...LOC 2329Z 180DEG 0KT 3285 11712

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College of Ag

Department of Agronomy



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WWUS86 KSGX 120019  
SPSSGX

SPECIAL WEATHER STATEMENT  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
419 PM PST FRI MAR 11 2016

CAZ043-048-050-055>058-060-065-552-554-120115-  
ORANGE COUNTY COASTAL CA-SAN DIEGO COUNTY INLAND VALLEYS CA-  
RIVERSIDE COUNTY MOUNTAINS-  
INCLUDING THE SAN JACINTO RANGER DISTRICT OF THE SAN BERNARDINO  
NATIONAL FOREST CA-SAN GORGONIO PASS NEAR BANNING CA-  
ORANGE COUNTY INLAND CA-SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-  
THE INLAND EMPIRE CA-SAN BERNARDINO COUNTY MOUNTAINS-  
INCLUDING THE MOUNTAIN TOP AND FRONT COUNTRY RANGER DISTRICTS OF THE  
SAN BERNARDINO NATIONAL FOREST CA-VICTOR VALLEY - APPLE VALLEY -  
LUCERNE VALLEY - JOHNSON VALLEY CA-SANTA ANA MOUNTAINS-  
INCLUDING THE TRABUCO RANGER DISTRICT OF THE CLEVELAND NATIONAL  
FOREST CA-SAN DIEGO COUNTY COASTAL AREAS CA-  
SAN DIEGO COUNTY MOUNTAINS-  
INCLUDING THE PALOMAR AND DESCANSO RANGER DISTRICTS OF THE CLEVELAND  
NATIONAL FOREST CA-  
419 PM PST FRI MAR 11 2016

A LINE OF HEAVY RAIN AND STRONG WINDS WILL CONTINUE TO TRACK  
EASTWARD THROUGH 530 PM. WINDS ARE THE MAIN THREAT WITH THIS LINE  
AND GUSTS EXCEEDING 50 MPH ARE POSSIBLE. LIGHTNING...THUNDER...AND  
SMALL HAIL ARE POSSIBLE.

LOCATIONS IMPACTED INCLUDE...  
ANAHEIM...SANTA ANA...RIVERSIDE...CHULA VISTA...IRVINE...SAN  
BERNARDINO...FONTANA...MORENO VALLEY...GARDEN GROVE...OCEANSIDE...  
ONTARIO...CORONA...ORANGE...FULLERTON...COSTA MESA...CARLSBAD...  
TEMECULA...EL CAJON...RIALTO AND VISTA.

LAT...LON 3269 11714 3270 11715 3263 11714 3273 11722  
3267 11724 3268 11725 3297 11726 3317 11736  
3317 11735 3362 11790 3361 11791 3387 11803  
3395 11797 3395 11779 3426 11765 3436 11754  
3429 11696 3258 11655 3254 11712  
TIME...MOT...LOC 0016Z 240DEG 49KT 3371 11711

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WWUS76 KSGX 120350  
NPWSGX

URGENT - WEATHER MESSAGE  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
750 PM PST FRI MAR 11 2016

...GUSTY WINDS ACROSS MUCH OF SOCAL THROUGH EARLY SATURDAY  
MORNING...

.A FAST-MOVING LOW PRESSURE SYSTEM WILL CONTINUE STRONG AND GUSTY  
WESTERLY WINDS ACROSS MUCH OF THE REGION. STRONGEST WINDS WILL  
OCCUR TONIGHT INTO EARLY SATURDAY MORNING ACROSS THE DESERT  
SLOPES...THROUGH AND BELOW THE SAN GORGONIO PASS...AND INTO  
ADJACENT DESERT AREAS. WINDS WILL WEAKEN BY LATE SATURDAY MORNING.

CAZ058-062-065-121200-  
/O.CON.KSGX.HW.W.0004.000000T0000Z-160312T1600Z/  
SAN DIEGO COUNTY MOUNTAINS-SAN DIEGO COUNTY DESERTS-  
SAN GORGONIO PASS NEAR BANNING-  
750 PM PST FRI MAR 11 2016

...HIGH WIND WARNING REMAINS IN EFFECT UNTIL 8 AM PST SATURDAY...

- \* WINDS...WEST 25 TO 40 MPH WITH GUSTS TO 60 MPH AND ISOLATED  
GUSTS TO 75 MPH THIS EVENING THROUGH EARLY SATURDAY MORNING.
- \* TIMING...WINDS PEAKING IN STRENGTH LATE THIS EVENING THROUGH  
EARLY SATURDAY MORNING. WINDS DIMINISHING LATER SATURDAY  
MORNING.
- \* LOCATION...THROUGH AND BELOW THE SAN GORGONIO PASS...NEAR  
MOUNTAIN RIDGETOPS...ALONG DESERT MOUNTAIN SLOPES...AND INTO  
ADJACENT DESERT AREAS.
- \* VISIBILITY...BLOWING DUST AND SAND COULD BRIEFLY REDUCE  
VISIBILITY TO BELOW ONE MILE...WITH LOCALIZED BLOWING SNOW IN  
THE SAN DIEGO COUNTY MOUNTAINS ABOVE 5000 FEET.
- \* IMPACTS...STRUCTURAL DAMAGE AND DOWNED TREES POSSIBLE. THE  
WINDS WILL MAKE DRIVING DIFFICULT...ESPECIALLY FOR MOTORISTS  
WITH HIGH PROFILE VEHICLES. IN THE DESERTS...AREAS OF BLOWING  
DUST AND SAND WILL CAUSE DIFFICULT DRIVING DUE TO REDUCED  
VISIBILITY. INTERSTATES 8 AND 10 AND BORREGO SPRINGS LIKELY  
IMPACTED. LIGHT SNOWFALL OF AN INCH OR TWO ABOVE 5000 FEET  
COULD RESULT IN BLOWING SNOW RESULTING IN REDUCED VISIBILITY.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A HIGH WIND WARNING MEANS A HAZARDOUS HIGH WIND EVENT IS EXPECTED  
OR OCCURRING. SUSTAINED WIND SPEEDS OF AT LEAST 40 MPH OR GUSTS  
OF 58 MPH OR MORE CAN LEAD TO PROPERTY DAMAGE.

**March 11, 2016 Exceptional Event, Imperial County****Appendix A - Supplemental**

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CAZ060-061-121200-  
/O.CON.KSGX.WI.Y.0015.000000T0000Z-160312T1400Z/  
APPLE AND LUCERNE VALLEYS-COACHELLA VALLEY-  
750 PM PST FRI MAR 11 2016

...WIND ADVISORY REMAINS IN EFFECT UNTIL 6 AM PST SATURDAY...

\* WINDS...WEST NORTHWEST 20 TO 30 MPH WITH GUSTS UP TO 50 MPH.

\* TIMING...STRONGEST WINDS THIS EVENING. WINDS DIMINISHING  
SATURDAY MORNING.

\* LOCATION...HIGH DESERTS AND LOWER COACHELLA VALLEY.

\* VISIBILITY...BLOWING DUST AND SAND COULD REDUCE VISIBILITY TO  
LESS THAN ONE MILE AT TIMES.

\* IMPACTS...THE WINDS WILL MAKE DRIVING DIFFICULT...ESPECIALLY  
FOR MOTORISTS WITH HIGH PROFILE VEHICLES. WATCH FOR BROKEN  
TREE LIMBS. AREAS OF BLOWING DUST AND SAND WILL CAUSE  
DIFFICULT DRIVING DUE TO REDUCED VISIBILITY.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 45 MPH OR HIGHER ARE  
EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...  
ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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CAZ043-048-050-057-552-554-121200-  
/O.CON.KSGX.WI.Y.0015.000000T0000Z-160312T1200Z/  
SAN DIEGO COUNTY COASTAL AREAS-  
SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-  
SAN DIEGO COUNTY VALLEYS-SANTA ANA MOUNTAINS AND FOOTHILLS-  
ORANGE COUNTY COASTAL AREAS-ORANGE COUNTY INLAND AREAS-  
750 PM PST FRI MAR 11 2016

...WIND ADVISORY REMAINS IN EFFECT UNTIL 4 AM PST SATURDAY...

\* WINDS...WEST NORTHWEST 15 TO 25 MPH WITH GUSTS TO 35 MPH.

\* TIMING...STRONGEST WINDS WILL BE THIS EVENING. WINDS  
DIMINISHING AFTER MIDNIGHT.

\* LOCATION...STRONGEST WIND GUSTS AT THE IMMEDIATE COAST AND  
ALONG THE COASTAL SLOPES AND FOOTHILLS.

**March 11, 2016 Exceptional Event, Imperial County****Appendix A - Supplemental**

\* IMPACTS...THE WINDS WILL MAKE DRIVING DIFFICULT...ESPECIALLY FOR MOTORISTS WITH HIGH PROFILE VEHICLES. WATCH FOR DOWNED BRANCHES AND PALM FRONDS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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FXUS65 KPSR 120307  
AFDPSR

AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE PHOENIX AZ  
810 PM MST FRI MAR 11 2016

.SYNOPSIS...  
MOSTLY DRY AND WARM CONDITIONS WILL CONTINUE INTO NEXT WEEK...HOWEVER  
ONE LOW PRESSURE SYSTEM WILL PASS THROUGH NORTHERN ARIZONA TONIGHT  
AND SATURDAY PROVIDING SOMEWHAT COOLER UNSETTLED WEATHER. THE  
BIGGEST IMPACT FROM THIS DISTURBANCE WILL BE WINDY CONDITIONS ACROSS  
SOUTHEAST CALIFORNIA PRODUCING LOCAL BLOWING SAND AND DUST TONIGHT.  
VERY PLEASANT WEATHER CONDITIONS WILL RETURN TO THE REGION DURING THE  
FIRST HALF OF NEXT WEEK.

&&

.DISCUSSION...A FAST MOVING PACIFIC COLD FRONT MOVED ASHORE LATE  
FRIDAY AFTERNOON AND EVENING. THE MOST INTENSE PART OF THIS SYSTEM  
FOR PRECIP/TSTM WAS ALONG THE COAST FROM SANTA BARBARA TO SAN DIEGO  
LATE IN THE DAY...SHIFTING TO BETWEEN LAS VEGAS AND KINGMAN BY 11  
PM...THEN ACROSS THE GRAND CANYON AND FLAGSTAFF JUST BEFORE SUNRISE  
SAT. ACROSS OUR FORECAST AREA...WHICH IS MOST OF THE SOUTHEAST CA  
MOUNTAINS AND DESERTS...THE AREA WAS PUMMELED BY STRONG WIND GUSTS.  
SAMPLING OF THE AREA JUST BEFORE 7 PM MST SHOWED THE STRONGEST GUSTS  
OCCURRED IN THE IMPERIAL VALLEY...THE SALTON SEA...AND OVER THE  
MOUNTAINS OF JOSHUA TREE NATIONAL PARK...AREAS WHERE A WIND ADVISORY  
IS IN EFFECT UNTIL 1 AM MST. PEAK GUSTS UP TO 7 PM MST WERE AT  
MOUNTAIN SPRINGS (ALONG I-8 W OF EL CENTRO) 47 MPH...THE IMPERIAL  
AIRPORT 45 MPH...AND JOSHUA TREE NATIONAL PARK 44 MPH.

WEATHER RADAR 8 PM SHOWED PERHAPS A FEW SPRINKLES IN JOSHUA TREE  
NATIONAL PARK AREA AS CLOUDINESS SPILLS OVER THE COASTAL RANGE...  
AND DIRECTLY DOWNSTREAM FROM THE BANNING PASS. NOTHING MORE THAN A  
FEW SPRINKLES ARE EXPECTED OVERNIGHT.

AS THE COLD FRONT MOVES EAST...EXPECTING TO PASS THROUGH PHOENIX  
BETWEEN 1 AND 3 AM...IT WILL REMAIN BREEZY FROM THE WEST ACROSS MOST  
AREAS OVERNIGHT. LIGHTER WIND IS EXPECTED BY SATURDAY AFTERNOON IN  
THE WAKE OF THE PACIFIC SYSTEM WHICH IS FORECAST OVER FAR NORTHWEST  
NEW MEXICO BY 11 AM SATURDAY.

OTHERWISE NO WEATHER SURPRISES EXPECTED TONIGHT AND SATURDAY.  
THE CURRENT DRY AND COOLER FORECASTS FOR THE WEEKEND LOOK OK. NO  
SHORT TERM UPDATES NEEDED.

.PREVIOUS DISCUSSION...227 PM MST...

CLOUD COVER HAS FILLED IN ACROSS THE REGION DURING THE DAY...FIRST  
INTRUDING AT THE HIGHER LEVELS AND SLOWLY FILLING DOWN INTO THE  
LOWER ATMO LAYERS. CEILINGS (BKN TO OVC CONDITIONS) NOT QUITE  
OBSERVED YET BELOW 20KFT AROUND THE AREA. CLOUD COVERAGE IS BECOMING  
THICK AND LOW ENOUGH TO BE SAMPLED BY RADARS AROUND AZ...HOWEVER NO  
ACTUAL SHOWER ECHOES HAVE DEVELOPED OVER THE STATE. RAIN BANDS ARE  
STREAMING THROUGH THE L.A. BASIN WITH MARINE-LAYER ENHANCED STRATUS  
BANKING UP OVER THE PENINSULAR RANGES WHERE THE BEST CHANCES FOR  
RAINFALL RESIDE TODAY. MAIN UPPER PV ANOMALY/LOW CIRC IS GENERALLY  
WEST OF THE BAY AREA AND WILL QUICKLY DROP INTO CENTRAL/SOCAL TONIGHT  
AND MOVE ACROSS NORTHERN AZ SATURDAY.

BEFORE THE CIRC CENTER AND ASSOCIATED COLD FRONT MOVE IN...STRONG  
PRE-FRONTAL AND GRADIENT LL JET WINDS WILL DEVELOP INTO THE AREA. A  
WIND ADVISORY IS OUT FOR THE SOUTHEAST CA DESERTS...WHERE GUSTS OF AT  
LEAST 40 MPH ARE POSSIBLE. WINDS WON'T BE QUITE AS STRONG ACROSS  
SOUTH-CENTRAL AZ WITH GUSTS OF 20-25 MPH. TEMPERATURE FORECAST FOR  
TODAY WAS A BIT MORE CHALLENGING THAN EARLIER THOUGHT...WITH THE  
CLOUD SHIELD INHIBITING SOLAR HEATING BUT MUCH WARMER BL/ML  
TEMPERATURES COMPARED TO THIS TIME YESTERDAY...PER ACARS/MDCRS  
SOUNDINGS. NUGGED HIGH TEMPS DOWN TWO TO THREE DEGREES FROM THE  
EARLIER FORECAST AS A RESULT.

850-500MB THETA-E PACKING/FRONTAL ANALYSIS TRACKS THE COLD FRONT  
INTO SOUTHEAST CA AROUND 12/04Z...AT THE CO RIVER VALLEY APPROX  
12/06Z AND INTO SOUTH-CENTRAL AZ AROUND 12/09Z...PERSISTING WESTERLY  
WIND AND CONTINUED MOMENTUM TRANSFER OVERNIGHT. UNFORTUNATELY  
DESPITE THE STEEP LOW LEVEL FRONT AND FORCING...DEEPER DYNAMICAL

## March 11, 2016 Exceptional Event, Imperial County

## Appendix A - Supplemental

ASCENT AND BETTER QUALITY MOISTURE PROFILES REMAIN WELL NORTH OF THE FORECAST AREA. ASIDE FROM DECAYING SHOWERS SPILLING OVER THE COASTAL CALIFORNIA MOUNTAINS...THE ONLY LEGITIMATE HOPE FOR PRECIPITATION WILL BE THROUGH SRN GILA COUNTY WHERE THE FRONTAL BOUNDARY AND OROGRAPHIC INFLUENCE MAY BE CAPABLE OF SQUEEZING OUT A FEW VERY LIGHT SHOWERS (EMPHASIS ON VERY LIGHT).

THIS SHORTWAVE WILL QUICKLY EXIT INTO THE SOUTHERN PLAINS BY SUNDAY MORNING LEAVING THE FORECAST AREA UNDER DRY ZONAL FLOW FOR AT LEAST THE FIRST HALF OF NEXT WEEK. H5 HEIGHTS WILL REMAIN VERY STEADY IN A 570-576DM RANGE WITH BOUNDARY LAYER THERMAL PROFILES GRADUALLY WARMING. THE UPPER JET CORE WILL REMAIN SITUATED ACROSS THE GREAT BASIN PLACING THE CWA WITHIN A GOOD SUBSIDENT WARMING REGIME PROMOTING DEEP MIXING AND TEMPERATURES 5-10F ABOVE NORMAL. MODEL SPREAD HAS BEEN NARROWING IN THE PAST COUPLE RUNS...AND HAVE GENERALLY PUSHED FORECAST TEMPERATURES TOWARDS THE 50TH-75TH PERCENTILE OF THE MODEL SPECTRUM.

LATEST MEDIUM RANGE OPERATIONAL MODELS ARE DISPLAYING LESS SPREAD FOR LATER IN THE WEEK PLACING PRIMARY NEGATIVE HEIGHT ANOMALIES OVER THE NORTHERN PLAINS/UPPER MIDWEST/GREAT LAKES WITH UPSTREAM HIGH AMPLITUDE RIDGING ALONG THE NORTHERN AMERICAN WEST COAST. HOWEVER...NAEFS ENSEMBLE MEMBERS STILL EXHIBIT NOTABLE SPREAD WITH SEVERAL MEMBERS STILL RETROGRADING ENERGY TOWARDS THE SOUTHWEST IN THE FORM OF AN OMEGA TYPE BLOCKING PATTERN. GIVEN THE TREND IN OPERATIONAL MEMBERS AND FEWER ENSEMBLES SUPPORTING LOWER HEIGHTS OVER THE FORECAST AREA...WITH MODERATE CONFIDENCE HAVE TRENDED THE FORECAST TOWARDS THE WARMER AND DRIER OUTCOME FOR THE LATTER HALF OF THE WEEK.

&&

.AVIATION...  
SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...

DRY COLD FRONTAL PASSAGE AROUND 09Z SAT RESULTING IN WEST WINDS 10 TO 15 KNOTS THROUGH 15Z SAT. LIGHTER WEST WIND UNDER 12 KNOTS SATURDAY AFTERNOON...OR BTWN 15Z AND 23Z SAT. FEW CLDS NEAR 12 THSD AGL.

SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...

DRY COLD FRONTAL PASSAGE AT 02Z SAT RESULTING IN WEST TO SOUTHWEST WIND 15 TO 25 KNOTS THROUGH 15Z SAT. FEW CLDS NEAR 10 THSD AGL. FROM 15Z SAT TO 23Z SAT...MOSTLY CLEAR. WEST WIND 8 TO 12 KNOTS.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER...  
SUNDAY THROUGH THURSDAY...  
A RELATIVELY DRY WEST FLOW ALOFT WILL OVERSPREAD THE AREA ALLOWING FOR ONLY VERY SUBTLE WARMING AREA WIDE. MINIMUM HUMIDITY LEVELS WILL HOVER IN A 15 TO 30 PERCENT RANGE THROUGH MONDAY AND THEN GRADUALLY LOWER THROUGH THE MIDDLE OF THE WEEK...BOTTOMING OUT IN THE SINGLE DIGITS FOR WEDNESDAY AND THURSDAY AFTERNOONS. LOCALLY BREEZY DAYTIME CONDITIONS WILL OCCUR EACH DAY WITH WINDS FAVORING WEST NORTHWEST.

&&

.SPOTTER INFORMATION STATEMENT...  
SPOTTERS ARE ENCOURAGED TO REPORT BASED ON STANDARD OPERATING PROCEDURES.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...  
AZ...NONE.  
CA...WIND ADVISORY UNTIL 1 AM PST SATURDAY FOR CAZ030-032-033.





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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...VASQUEZ/NOLTE/MO

AVIATION...VASQUEZ  
FIRE WEATHER...KUHLMAN

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AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
907 PM PST FRI MAR 11 2016

.SYNOPSIS...

MOSTLY CLOUDY TONIGHT WITH SCATTERED SHOWERS...MOUNTAIN SNOW AND GUSTY WESTERLY WINDS. WINDS AND SHOWERS WILL DIMINISH SATURDAY MORNING...WITH PARTLY CLOUDY AND COOL CONDITIONS FOR SATURDAY AFTERNOON. COOL WEATHER WILL CONTINUE OVER THE WEEKEND WITH LIGHT RAIN SHOWERS POSSIBLE AGAIN SUNDAY NIGHT INTO EARLY TUESDAY. A LARGE RIDGE OF HIGH PRESSURE WILL BRING DRY AND WARMER WEATHER BY THE MIDDLE OF NEXT WEEK.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

THE COLD FRONT THAT MOVED THROUGH THE REGION THIS AFTERNOON IS NOW TO THE EAST OVER IMPERIAL COUNTY...EASTERN SAN BERNARDINO AND EASTERN RIVERSIDE COUNTY. SCT SHOWERS CONTINUE OVER AND WEST OF THE MTNS WITH SNOW BEING REPORTED ABOVE 5000 FEET. SO FAR...THERE HAVE BEEN SNOW ACCUMULATIONS OF LESS THAN 2 INCHES REPORTED. RAINFALL TOTALS HAVE BEEN HIGHLY VARIABLE...WITH A FEW COASTAL AND VALLEY LOCATIONS REPORTING LESS THAN 0.10 INCH WHILE OTHER LOCATIONS REPORTED NEARLY ONE-HALF AN INCH. THE GREATEST ACCUMULATIONS WERE IN THE SANTA ANA MTNS...WITH UPPER SILVERADO CANYON REPORTING 0.75 INCH AND MODJESKA CANYON REPORTING 0.70 INCH. SEE LAXRRMSGX FOR PRECIP TOTALS. STRONG AND GUSTY WESTERLY WINDS CONTINUE ACROSS THE REGION WITH THE WINDIEST LOCATIONS CURRENTLY REPORTING WINDS IN THE 40-50 MPH RANGE. THIS AFTERNOON...SOME LOCATIONS REPORTED WIND GUSTS GREATER THAN 60 MPH WITH THE HIGHEST GUST OF 73 MPH REPORTED AT BURNS CANYON I THE SAN BERNARDINO MTNS.

AS THE LOW PRESSURE SYSTEM CONTINUES TO MOVE EAST OVERNIGHT...SCT SHOWERS AND STRONG WESTERLY WINDS WILL CONTINUE...TAPERING OFF LATE SAT MORNING. FOLLOWING THE LOW...A WEAK TRANSIENT RIDGE OF HIGH PRESSURE WILL MAINTAIN FAIR WEATHER...BUT LITTLE IN THE WAY OF WARMING IS EXPECTED.

AN UPPER LEVEL SHORTWAVE EMBEDDED IN NEAR-ZONAL FLOW ALOFT WILL BRING ANOTHER ROUND OF UNSETTLED WEATHER LATE SUNDAY INTO EARLY TUESDAY...BUT NOT MUCH PRECIP IS EXPECTED WITH IT. THIS WAVE COULD PRODUCE STRONG AND GUSTY WESTERLY WINDS IN THE MTNS AND ADJACENT DESERT AREAS.

FOR WED THROUGH FRI...DRY NW FLOW ALOFT WITH A RIDGE OF HIGH



**March 11, 2016 Exceptional Event, Imperial County****Appendix A - Supplemental**

PRESSURE OFF THE WEST COAST AND A BROAD TROUGH OF LOW PRESSURE OVER THE INTER-MOUNTAIN WEST WILL MAINTAIN FAIR WEATHER WITH A WARMING TREND.

&&

.AVIATION...

120500...COAST/VALLEYS...SCT-BKN025-035 WITH ISOLATED SHOWERS THROUGH 16Z. AFT 16Z...SCT025-035 LOCALLY BKN020-035.

MTNS/DESERTS...MTNS OBSCD IN CLDS AND PCPN THROUGH 16Z. WEST WINDS 20 TO 30 KT WITH GUSTS TO 50 KT WITH MOD UP/DOWN DRAFTS ON THE DESERT SLOPES. AFT 16Z...SCT-BKN030-040 WITH PARTIAL MTN OBSCURATION AND LIGHTER WINDS ON THE DESERT SLOPES.

&&

.MARINE...

900 PM...NORTHWEST WINDS 15 TO 25 KT TONIGHT...DECREASING TO 10 TO 20 KT SATURDAY AND SUNDAY. A WEST-NORTHWEST SWELL FROM 8-11 FEET WITH A PERIOD OF 11-13 SECOND WILL PEAK ON SATURDAY BEFORE DECREASING SLIGHTLY ON SUNDAY.

&&

.BEACHES...

900 PM...A WEST-NORTHWEST SWELL FROM 280-285 DEGREES WILL PRODUCE ELEVATED SURF OF 4-6 FEET THROUGH SATURDAY...LOCALLY HIGHER IN NORTHERN ORANGE AND SOUTHERN SAN DIEGO COUNTIES. ANOTHER LONG-PERIOD NORTHWEST SWELL NEXT MONDAY WILL COME FROM A STEEPER ANGLE OF 290 DEGREES...WHICH MEANS THAT FEWER BEACHES WILL BE IMPACTED BY ELEVATED SURF.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...HIGH WIND WARNING UNTIL 8 AM PST SATURDAY FOR SAN DIEGO COUNTY DESERTS-SAN DIEGO COUNTY MOUNTAINS-SAN GORGONIO PASS NEAR BANNING.

WIND ADVISORY UNTIL 6 AM PST SATURDAY FOR APPLE AND LUCERNE VALLEYS-COACHELLA VALLEY.

WINTER WEATHER ADVISORY UNTIL 4 AM PST SATURDAY FOR RIVERSIDE COUNTY MOUNTAINS-SAN BERNARDINO COUNTY MOUNTAINS.

WIND ADVISORY UNTIL 4 AM PST SATURDAY FOR ORANGE COUNTY COASTAL AREAS-ORANGE COUNTY INLAND AREAS-SAN BERNARDINO AND

RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-SAN DIEGO COUNTY  
COASTAL AREAS-SAN DIEGO COUNTY VALLEYS-SANTA ANA MOUNTAINS  
AND FOOTHILLS.

PZ...SMALL CRAFT ADVISORY UNTIL 10 AM PST SATURDAY FOR COASTAL WATERS  
FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT TO 30 NM-  
WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING  
30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

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PUBLIC...PG  
AVIATION/MARINE/BEACHES...MOEDE

# IOWA STATE UNIVERSITY

College of Ag  
Department of Agronomy

## Department of Agronomy

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- ☐ YouTube
- ☐ RSS

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WMUS75 KPSR 120507  
NPWPSR

URGENT - WEATHER MESSAGE  
NATIONAL WEATHER SERVICE PHOENIX AZ  
1007 PM MST FRI MAR 11 2016

AZZ020-025-CAZ031-120900-  
/O.EXA.KPSR.WI.Y.0003.000000T0000Z-160312T0900Z/  
LOWER COLORADO RIVER VALLEY AZ-YUMA/MARTINEZ LAKE AND VICINITY-  
LOWER COLORADO RIVER VALLEY CA-  
INCLUDING THE CITIES OF...EHRENBERG...PARKER...  
FORTUNA FOOTHILLS...SAN LUIS...SOMERTON...YUMA...BLYTHE  
1007 PM MST FRI MAR 11 2016 /907 PM PST FRI MAR 11 2016/

...WIND ADVISORY IN EFFECT UNTIL 2 AM MST /1 AM PST/ SATURDAY  
AND HAS BEEN EXPANDED TO COVER THE COLORADO RIVER VALLEY...  
...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A WIND  
ADVISORY...WHICH IS IN EFFECT UNTIL 2 AM MST /1 AM PST/ SATURDAY.

\* AFFECTED AREA...SOUTHEAST CALIFORNIA...INCLUDING THE IMPERIAL  
VALLEY...INTERSTATE 8 EAST OF THE CALIFORNIA MOUNTAINS...AND  
INTERSTATE 10 FROM WEST OF BLYTHE TO THE COACHELLA VALLEY...AND A  
LARGE PART OF THE COLORADO RIVER VALLEY FROM PARKER TO YUMA.

\* TIMING...THROUGH FRIDAY EVENING.

\* WINDS...SUSTAINED WEST WINDS OF 20 TO 35 MPH WITH GUSTS OVER  
45 MPH.

\* VISIBILITIES...BLOWING DUST WILL ALSO REDUCE VISIBILITIES AT  
TIMES...POTENTIALLY TO BELOW ONE MILE...ESPECIALLY ACROSS  
IMPERIAL COUNTY IN SOUTHEAST CALIFORNIA IMPACTING TRAVEL ON  
INTERSTATE 8. REGIONAL AND LONG-RANGE VISIBILITIES...INCLUDING  
LOCATIONS ALONG AND JUST EAST OF THE COLORADO RIVER VALLEY...  
WILL BE DEGRADED DUE TO THE LOFTED DUST AND SAND.

\* IMPACTS...DIFFICULT TRAVEL CONDITIONS DUE TO STRONG CROSSWINDS  
ALONG NORTH-SOUTH ORIENTED ROADWAYS INCLUDING HIGHWAYS 78 AND  
86 IN SOUTHEAST CALIFORNIA.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN  
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND  
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY  
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT  
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER  
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA  
CAUTION.

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CAZ030-032-033-120900-  
/O.CON.KPSR.WI.Y.0003.000000T0000Z-160312T0900Z/  
JOSHUA TREE NATIONAL PARK-RIVERSIDE COUNTY/EASTERN DESERTS-  
IMPERIAL COUNTY-  
INCLUDING THE CITIES OF...COTTONWOOD VISITOR CENTER...KEYS VIEW...  
LOST HORSE...CHIRIACO SUMMIT...DESERT CENTER...EAGLE MOUNTAIN...  
BRAWLEY...CALEXICO...EL CENTRO...GLAMIS...IMPERIAL...  
THE SALTON SEA  
907 PM PST FRI MAR 11 2016

...WIND ADVISORY REMAINS IN EFFECT UNTIL 1 AM PST SATURDAY...

\* AFFECTED AREA...SOUTHEAST CALIFORNIA...INCLUDING THE IMPERIAL  
VALLEY...INTERSTATE 8 EAST OF THE CALIFORNIA MOUNTAINS...AND  
INTERSTATE 10 FROM JUST WEST OF BLYTHE TO THE COACHELLA  
VALLEY.

\* TIMING...LATE FRIDAY AFTERNOON THROUGH FRIDAY EVENING.

\* WINDS...SUSTAINED WEST WINDS OF 20 TO 35 MPH WITH GUSTS OVER

45 MPH.

\* VISIBILITIES...BLOWING DUST WILL ALSO REDUCE VISIBILITIES AT TIMES...POTENTIALLY TO BELOW ONE MILE...ESPECIALLY ACROSS IMPERIAL COUNTY IN SOUTHEAST CALIFORNIA IMPACTING TRAVEL ON INTERSTATE 8. REGIONAL AND LONG-RANGE VISIBILITIES...INCLUDING LOCATIONS ALONG AND JUST EAST OF THE COLORADO RIVER VALLEY... WILL BE DEGRADED DUE TO THE LOFTED DUST AND SAND.

\* IMPACTS...DIFFICULT TRAVEL CONDITIONS DUE TO STRONG CROSSWINDS ALONG NORTH-SOUTH ORIENTED ROADWAYS INCLUDING HIGHWAYS 78 AND 86 IN SOUTHEAST CALIFORNIA.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN 30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND 58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA CAUTION.

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 NZUS96 KSGX 121817  
 LLLSGX  
 CAZ043-048-050-055>058-060>062-065-552-554-130617-

PUBLIC INFORMATION STATEMENT  
 NATIONAL WEATHER SERVICE SAN DIEGO CA  
 1017 AM PST SAT MAR 12 2016

...WIND REPORTS PAST 24 HOURS...

LOCATION	SPEED	TIME/DATE	ELEVATION
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...CALIFORNIA...

5 WNW IMPERIAL BEACH	47 MPH	0300 PM 03/11	0 FT
OCEANSIDE JETTY	41 MPH	0344 PM 03/11	18 FT
IMPERIAL BEACH PIER	39 MPH	0418 PM 03/11	40 FT
SAN DIEGO BROADWAY PIER	36 MPH	0406 PM 03/11	0 FT
SCRIPPS PIER	35 MPH	0349 PM 03/11	13 FT

...COACHELLA VALLEY-INCLUDING THE PALM SPRINGS SOUTH COAST DESERT DISTRICT...

THOUSAND PALMS	48 MPH	0535 PM 03/11	272 FT
COACHELLA	46 MPH	0550 PM 03/11	110 FT
PALM SPRINGS AIRPORT	46 MPH	0526 PM 03/11	474 FT
THERMAL AIRPORT	46 MPH	0610 PM 03/11	-118 FT
PALM DESERT (5 S)	42 MPH	0220 AM 03/12	980 FT
SKY VALLEY	37 MPH	0557 PM 03/11	1089 FT

...ORANGE COUNTY COASTAL...

SAN CLEMENTE PIER (3 S)	43 MPH	0329 PM 03/11	32 FT
DANA POINT BEACH	40 MPH	0310 PM 03/11	50 FT
SUNSET BEACH	36 MPH	0238 PM 03/11	13 FT
DANA POINT	35 MPH	0328 PM 03/11	298 FT
SANTA ANA (SNA)	35 MPH	0254 PM 03/11	50 FT

...ORANGE COUNTY INLAND...

LOS ALAMITOS (1 SSE)	52 MPH	0237 PM 03/11	36 FT
SAN CLEMENTE RIDGE	38 MPH	0340 PM 03/11	770 FT
BELL CANYON	37 MPH	0351 PM 03/11	793 FT
FULLERTON AIRPORT	37 MPH	0249 PM 03/11	96 FT
YORBA LINDA (1 W)	35 MPH	0309 PM 03/11	442 FT

...RIVERSIDE COUNTY MOUNTAINS-INCLUDING THE SAN JACINTO RANGER DISTRICT OF THE SAN BERNARDINO NATI

MT SAN JACINTO	59 MPH	1122 PM 03/11	8375 FT
PINYON	47 MPH	1136 PM 03/11	4060 FT
POPPET FLAT	41 MPH	0514 PM 03/11	3830 FT
VISTA GRANDE	41 MPH	0601 PM 03/11	4906 FT
MT SAN JACINTO	39 MPH	0253 AM 03/12	8584 FT

...SAN BERNARDINO COUNTY MOUNTAINS-INCLUDING THE MOUNTAIN TOP AND FRONT COUNTRY RANGER DISTRICTS O

BURNS CANYON	73 MPH	0351 PM 03/11	6284 FT
HEAPS PEAK	59 MPH	0415 PM 03/11	6350 FT

**March 11, 2016 Exceptional Event, Imperial County****Appendix A - Supplemental**

WRIGHTWOOD	48 MPH	0114 PM 03/11	6371 FT
BIG BEAR CITY AIRPORT	46 MPH	0335 PM 03/11	6752 FT
BIG BEAR CITY (2 SE)	45 MPH	0405 PM 03/11	6790 FT
FAWNSKIN	45 MPH	0424 PM 03/11	7000 FT
CONVERSE	44 MPH	0509 PM 03/11	5618 FT
FAWNSKIN	42 MPH	0434 PM 03/11	6900 FT
ROCK CAMP	39 MPH	0402 PM 03/11	4900 FT

## ...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE...

RIVERSIDE AIRPORT	51 MPH	0337 PM 03/11	818 FT
TEMESCAL	48 MPH	0841 PM 03/11	1708 FT
ONTARIO AIRPORT	47 MPH	0326 PM 03/11	947 FT
CORONA AIRPORT	43 MPH	0320 PM 03/11	531 FT
SAGE	41 MPH	0514 PM 03/11	2560 FT
DEVORE	40 MPH	0510 PM 03/11	2081 FT
CHINO AIRPORT	39 MPH	0320 PM 03/11	680 FT
TEMECULA (8 NE)	38 MPH	0429 PM 03/11	1775 FT
MARCH AFB	38 MPH	0401 PM 03/11	1538 FT
BEAUMONT	37 MPH	0514 PM 03/11	2604 FT
LAKE MATHEWS	37 MPH	0416 PM 03/11	1516 FT
HIGHLAND SPRINGS	36 MPH	0416 PM 03/11	2233 FT
BEAUMONT #2	35 MPH	0552 PM 03/11	2610 FT
PERRIS (2 NW)	35 MPH	0430 PM 03/11	1901 FT

## ...SAN DIEGO COUNTY COASTAL AREAS...

LA JOLLA HEIGHTS	50 MPH	0400 PM 03/11	409 FT
LAS FLORES	49 MPH	1122 AM 03/11	760 FT
RED BEACH AIRPORT	48 MPH	0342 PM 03/11	88 FT
SILVER STRAND BEACH	46 MPH	0403 PM 03/11	30 FT
DEL MAR HEIGHTS	44 MPH	0400 PM 03/11	294 FT
SOLANA BEACH	44 MPH	0400 PM 03/11	13 FT
SOLANA BEACH	43 MPH	0405 PM 03/11	167 FT
PT. LOMA CABRILLO	42 MPH	0500 PM 03/11	350 FT
MONTGOMERY FIELD	40 MPH	0405 PM 03/11	420 FT
MIRAMAR	40 MPH	0405 PM 03/11	478 FT
BROWN FIELD	39 MPH	0429 PM 03/11	525 FT
IMPERIAL BEACH (NAS)	38 MPH	0411 PM 03/11	23 FT
CORONADO CAYS	38 MPH	0410 PM 03/11	45 FT
NORTH ISLAND	37 MPH	0407 PM 03/11	26 FT
IMPERIAL BEACH (2 SE)	36 MPH	0420 PM 03/11	328 FT
KENSINGTON	36 MPH	0419 PM 03/11	374 FT
OCEANSIDE	35 MPH	0348 PM 03/11	45 FT
SAN MIGUEL	35 MPH	0430 PM 03/11	500 FT

## ...SAN DIEGO COUNTY DESERTS-INCLUDING THE ANZA BORREGO DESERT STATE PARK...

BORREGO SPRINGS (3 W)	54 MPH	1230 AM 03/12	820 FT
BORREGO SPRINGS	49 MPH	0206 AM 03/12	587 FT
IN KO PAH	48 MPH	0130 AM 03/12	3221 FT
OCOTILLO WELLS	41 MPH	0541 PM 03/11	436 FT
BORREGO SPRINGS (2 E)	36 MPH	0540 PM 03/11	720 FT

## ...SAN DIEGO COUNTY INLAND VALLEYS...

OTAY MOUNTAIN	53 MPH	0514 PM 03/11	3283 FT
DYE MOUNTAIN	50 MPH	0520 PM 03/11	2998 FT

**March 11, 2016 Exceptional Event, Imperial County****Appendix A - Supplemental**

MATEO RIDGE	50 MPH	0422 PM 03/11	810 FT
MT. WOODSON	47 MPH	0425 PM 03/11	2850 FT
OTAY MOUNTAIN	47 MPH	0700 PM 03/11	3359 FT
WEST RANCHO BERNARDO	46 MPH	0410 PM 03/11	749 FT
GOOSE VALLEY	45 MPH	0452 PM 03/11	1835 FT
RAINBOW (1 E)	43 MPH	0428 PM 03/11	2037 FT
LYONS PEAK	43 MPH	0635 PM 03/11	3760 FT
HODGES DAM	42 MPH	0410 PM 03/11	375 FT
ROUND POTRERO	42 MPH	0740 PM 03/11	2634 FT
SKY VALLEY	42 MPH	0740 PM 03/11	2248 FT
RAMONA AIRPORT	41 MPH	0500 PM 03/11	1393 FT
SUNSET OAKS (4 NE RAMONA)	41 MPH	0510 PM 03/11	2337 FT
DULZURA	40 MPH	0530 PM 03/11	1425 FT
FALLBROOK	39 MPH	0410 PM 03/11	953 FT
MISSION TRAILS	39 MPH	0420 PM 03/11	901 FT
BARONA	38 MPH	0440 PM 03/11	1319 FT
SANTA YSABEL (5 SE)	38 MPH	0540 PM 03/11	2604 FT
BARRETT JUNCTION (6 NW POTRE	37 MPH	0550 PM 03/11	2395 FT
PALA	37 MPH	0450 PM 03/11	455 FT
LILAC	36 MPH	0430 PM 03/11	999 FT
RINCON (5 E)	36 MPH	0520 PM 03/11	2457 FT
ARCHIE MOORE (RAMONA)	35 MPH	0420 PM 03/11	1479 FT
BARRETT JUNCTION	35 MPH	0540 PM 03/11	1221 FT
BARONA MESA	35 MPH	0720 PM 03/11	1924 FT
COUNTRY ESTATES	35 MPH	0510 PM 03/11	1849 FT
CREELMAN (1 S RAMONA)	35 MPH	0510 PM 03/11	1443 FT
NORTH POTRERO	35 MPH	0740 PM 03/11	2532 FT
POTRERO	35 MPH	0710 PM 03/11	2360 FT
SAN PASQUAL	35 MPH	0450 PM 03/11	254 FT
SANTA YSABEL RANCH	35 MPH	0530 PM 03/11	2943 FT
WITCH CREEK	35 MPH	0520 PM 03/11	2517 FT

...SAN DIEGO COUNTY MOUNTAINS-INCLUDING THE PALOMAR AND DESCANSO RANGER DISTRICTS OF THE CLEVELAND

VOLCAN MOUNTAIN	70 MPH	0120 AM 03/12	5154 FT
BOUCHER HILL	69 MPH	0607 AM 03/12	5440 FT
HARRISON PARK	65 MPH	0540 PM 03/11	4861 FT
LUCKY FIVE RANCH	58 MPH	0720 PM 03/11	4740 FT
JULIAN (2 SE)	54 MPH	0229 AM 03/12	4487 FT
PALOMAR MTN (HIGH POINT LOOK	52 MPH	0524 PM 03/11	6142 FT
LAKE CUYAMACA	52 MPH	0740 PM 03/11	4779 FT
BOULEVARD WEST	51 MPH	0600 PM 03/11	3404 FT
MATAGUAY	50 MPH	0510 PM 03/11	2803 FT
RANCHITA (RAWS)	49 MPH	0307 AM 03/12	4415 FT
RANCHITA	47 MPH	0120 AM 03/12	4128 FT
JULIAN (4 W)	46 MPH	0530 PM 03/11	3738 FT
WEST SANTA YSABEL	46 MPH	0530 PM 03/11	3291 FT
LA POSTA	45 MPH	0710 PM 03/11	4000 FT
WEST WYNOLA	45 MPH	0520 PM 03/11	3553 FT
CAMPO	44 MPH	0716 PM 03/11	2630 FT
BUCKMAN SPRINGS	43 MPH	0620 PM 03/11	3263 FT
EAST WARNERS	43 MPH	0520 PM 03/11	3242 FT
GUATAY	43 MPH	0700 PM 03/11	3892 FT
INAJA PARK (SANTA YSABEL)	41 MPH	0520 PM 03/11	3314 FT
CAMERON (7 N CAMPO)	40 MPH	0530 PM 03/11	3212 FT

**March 11, 2016 Exceptional Event, Imperial County****Appendix A - Supplemental**

OAK GROVE	40 MPH	0320 PM 03/11	2756 FT
CAMERON CORNERS	39 MPH	0600 PM 03/11	2848 FT
CORTE MADERA	39 MPH	0740 PM 03/11	4004 FT
BIG BLACK MOUNTAIN	39 MPH	0717 PM 03/11	4055 FT
JULIAN CDF	39 MPH	0755 PM 03/11	4238 FT
JULIAN	39 MPH	0800 PM 03/11	4201 FT
NORTH DESCANSO	39 MPH	0510 PM 03/11	3377 FT
PALOMAR MTN	39 MPH	0715 PM 03/11	5486 FT
MT PALOMAR	39 MPH	0730 PM 03/11	5483 FT
WARNERS	39 MPH	0510 PM 03/11	2842 FT
SILL HILL	38 MPH	0740 PM 03/11	3556 FT
DESCANSO (1 SW)	38 MPH	0600 PM 03/11	3394 FT
DESCANSO (4 N)	37 MPH	0801 PM 03/11	3329 FT
MESA GRANDE	37 MPH	0740 PM 03/11	3349 FT
SCHOOL HOUSE CANYON (5 NW JU	37 MPH	0730 PM 03/11	4284 FT
VIEJAS GRADE	36 MPH	0740 PM 03/11	3211 FT
MT LAGUNA	35 MPH	0152 AM 03/12	5737 FT
PINE HILLS (RAWS)	35 MPH	0717 PM 03/11	3651 FT
PINE VALLEY	35 MPH	0700 PM 03/11	3939 FT
TIERRA DEL SOL	35 MPH	1230 AM 03/12	3544 FT
WYNOLA	35 MPH	0730 PM 03/11	4131 FT
SANTA YSABEL NORTH	35 MPH	0520 PM 03/11	3009 FT

## ...SAN GORGONIO PASS NEAR BANNING...

WHITEWATER RAWS	73 MPH	0150 AM 03/12	2546 FT
WHITE WATER (2 S)	53 MPH	0510 PM 03/11	1133 FT
CABAZON	49 MPH	0514 PM 03/11	2154 FT

## ...SANTA ANA MOUNTAINS-INCLUDING THE TRABUCO RANGER DISTRICT OF THE CLEVELAND NATIONAL FOREST...

FREMONT CANYON	55 MPH	0351 PM 03/11	1780 FT
CASE SPRINGS	45 MPH	0422 PM 03/11	2319 FT
EL CARISO	40 MPH	1120 PM 03/11	2733 FT
PLEASANTS PEAK	39 MPH	0600 PM 03/11	3870 FT
SIERRA PEAK	38 MPH	0330 PM 03/11	3093 FT
SANTA ROSA PLATEAU	37 MPH	0454 PM 03/11	1986 FT

## ...VICTOR VALLEY - APPLE VALLEY - LUCERNE VALLEY - JOHNSON VALLEY...

PINON HILLS	55 MPH	0131 PM 03/11	4302 FT
HESPERIA (3 SW)	54 MPH	0152 PM 03/11	3580 FT
VICTORVILLE (5 N)	51 MPH	0205 PM 03/11	4650 FT
VICTORVILLE AIRPORT	51 MPH	0215 PM 03/11	2884 FT
HESPERIA (4 SW)	49 MPH	0148 PM 03/11	3849 FT
HESPERIA (7 SW)	46 MPH	0315 PM 03/11	3979 FT
MOUNTAIN VIEW ACRES (3 W)	45 MPH	0238 PM 03/11	3164 FT
MEANS LAKE	44 MPH	0526 PM 03/11	2818 FT
APPLE VALLEY 2	40 MPH	1050 PM 03/11	3159 FT
HESPERIA (2 E)	39 MPH	0157 PM 03/11	3051 FT
APPLE VALLEY AIRPORT	35 MPH	0145 AM 03/12	3100 FT

OBSERVATIONS ARE COLLECTED FROM A VARIETY OF SOURCES WITH VARYING EQUIPMENT AND EXPOSURE. NOT ALL DATA LISTED ARE CONSIDERED OFFICIAL.

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